

Installation Manual

DuraVision[®] FDF2711W-IP

Color LCD Monitor

Software Version 5.3

Important

Please read this "Installation Manual", "Instruction Manual", and "Setup Manual" carefully to familiarize yourself with safe and effective usage.

• For the latest product information including the "Installation Manual", refer to our web site : www.eizoglobal.com

Related Manuals

Setup Manual	Describes precautions and procedures for connecting network cameras and for displaying camera images on the monitor. (Installation and initialization guidance)
Installation Manual (this manual) ^{*1}	Describes network camera registration, function settings, and system settings. (Detail settings guidance)
Instruction Manual ^{*1}	Describes operation of live image screen menus. (Operation guidance)

*1 The Instruction Manual and Installation Manual for the latest software version used can be obtained from our web site. Select "Manuals" from "Support", enter "FDF2711W-IP" in the "Enter model name" box, and click "Search".

www.eizoglobal.com

Installation of Adobe® Acrobat® Reader® is required.

This product has been adjusted specifically for use in the region to which it was originally shipped. If operated outside this region, the product may not perform as stated in the specifications.

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Chapter 1 Product Overview

This product is a monitor capable of displaying images from a maximum of 32 network cameras^{*1}. This manual describes network camera settings, system settings, and product specifications. *1 A type of camera which converts images into network signals and transmits the signals.

1-1. Features

LCD panel

- 27 inch wide-screen
- Supports a resolution of 1920×1080
- Utilizes a wide viewing angle LCD panel VA LCD panel realizes wide horizontal and vertical viewing angles of 178°.

Communication with network cameras

- Possible to receive video images from a 4K camera (3840 × 2160 / 30 fps)
- · Possible to display video signals from network cameras on a monitor
 - Supports H.264, H.265, and MJPEG compression formats.
 - A maximum of 48 network cameras can be registered.
 - Allows a free layout of video images (1 Screen, 3 Screens, 4 Screens, 9 Screens, 16 Screens, 32 Screens, 8 Screens, and Custom Screen) from multiple network cameras.
 - Supports Unicast and Multicast communication methods.
 - Possible to switch the display position of camera video images while displaying video images.

Possible to output (duplicate/extended) to other monitors

• Supports FHD (1920 × 1080 / 60 Hz max.)

Supports multiple types of network cameras

- Compatible with ONVIF Profile S
- Supports camera control using network camera manufacturer specific protocols (When connecting Panasonic or AXIS network cameras)

System management

- · Possible to register network cameras or set the live image screen using a Web browser
- Possible to save and load settings data Possible to save or load the setting data onto a computer.

Security

· Alert display

Possible to display an alert on the live image screen when communication with network cameras is lost.

Supports secure communication

Utilizes SSL and TLS, which are secure protocols. Communication between network cameras and web pages is encrypted using SSL and HTTPS.

Purchase an Enterprise License to use LDAP authentication.

For details, contact your dealer or local EIZO representative.

Support

• A 2-year long-term warranty for 24-hour continuous use

Operation

• It is possible to operate using a keyboard, mouse, or joystick.

1-2. System Configuration

This system can communicate with network cameras, display video on the monitor, and operate cameras.

.



*1 Up to 48 network cameras can be registered.

*2 When setting the network cameras using a Web browser, use a computer on the same network as this product.

1-3. Compatible Network Cameras

This product supports the following network cameras:

- Panasonic i-pro series network cameras
- AXIS network camera
- · ONVIF Profile S compatible network cameras

Attention

- Supported network cameras vary depending on the monitor's software version. Check the software version of the monitor you are using, then check our website (www.eizoglobal.com) for details on supported network cameras. For information on how to check the software version, refer to "2-2. Setting Screen" (page 10).
- For installing and setting the network cameras, refer to the network camera User's Manual.

Note

• To verify the connection of a network camera, the image of the network camera can be accessed by specifying the URI. For details, refer to "4-2. Registering a Network Camera Manually" (page 41).

Chapter 2 Before Configuration

System settings can be made from the screen (application screen) displayed on the monitor, or from the web browser of a computer connected to the same network.

2-1. Logging In to the System

To configure this product, you need to log in to the system.

Login is allowed only when the level of the user accessing the product is "ADMIN". Log in to the system according to the following procedure.

Note

- The following user information is set by default.
 - Username: "admin"
 - Password: "admin"
 - User Level: "ADMIN"
- For information on user settings, refer to "Chapter 6 Management of the User Account" (page 68).
- It is recommended that you log out after completing the setup, so as to prevent a third party from operating the network camera or altering the settings.
- When the Auto Login settings are configured, it is possible to log in to the system without the username and password.

For details, refer to "6-4. Configuring Auto Login Settings" (page 72).

Configuring from this product

A USB mouse or USB keyboard is required when operating from the application screen. Connect a USB mouse or USB keyboard to the USB downstream port of this product.



Note

- Both the USB mouse and USB keyboard can be used.
- For entering characters, refer to "Entering characters" (page 9).

1. Press on the front of the monitor.

The power indicator lights up blue and the live image screen is displayed.

(For information on the live image screen, refer to the "Instruction Manual".)

Note

· The power supply is set to "On" by default.

2. Select 🎦 (Login) under "System".

The login screen is displayed.

FULL 1 3 4 9 16 32	8 CUSTOM SEQ PAGE- PAGE+	2020/07/01 11:00:28
		*
		Camera
Not Registered	Not Registered	Brightness
		* * *
		Preset
		Focus
		PTZ 🕹 💿
Not Registered	Not Registered	
		Auxiliary Command

3. Enter "Username : " and "Password : ".

Login			
	Username :	I	
	Password :		
			Login Logout Cancel

Note

• When the "Account Type" is set to "LDAP", you can temporarily change the account type when logging in by checking "Allow choosing of account type on the login dialog." under "LDAP" in advance.

4. Select "Login".

The display returns to the live image screen.

5. Select 🗱 (Settings).

The setting screen is displayed.

Entering characters

- When entering using a USB keyboard Typed characters are entered in the text box.
- When entering using a USB mouse Clicking an item that requires characters to be input, such as a text box, will display a software keyboard. When the focus is moved out of the software keyboard, the software keyboard is hidden.



Configuring from a web browser

Attention

- Web browser Microsoft Edge 79 or later is recommended.
- When configuring from the web browser, the power supply must be connected to this product.

1. Start the web browser of the PC to be used.

2. Enter the following address for access.

Address: http://Address of this product*1

*1 The default address for access is http://192.168.0.150.

The login screen is displayed.

Windows Security		×
Microsoft Edge		
The server 192.168.0.150 is asking password. That server also reports: "Admin".	for your user name and	
User name		
Password		
ОК	Cancel	

3. Enter a username and a password.

4. Select "OK".

The setting screen is displayed.

Note

• If you are unable to login, try using the following address.

http://address of this product/index.html

2-2. Setting Screen

The setting screen is comprised of "Basic Information", "System Settings", and "Live Image Screen Settings".

.

🔶 EIZO	FDF2711W-IP	
Basic Information Basic Information	System Status Camera / D	isplay Position Date and Time Network Communication Certificate Other
System Settings	Event Rules Remote Contr	roller User Account
Camera Registration		
Camera Function Settings	System Information	
Display	Model Name F	DF2711W-IP
System	S/N 0	000001
User	6-6	
Troubleshooting	Soltware version	
Live Image Screen Settings	Edition E	nterprise
Live Image Screen	Security Level L	ow (Details)
	Resolution [1920x1080][1920x1080]
	Display mode D	uplicate
	MAC Address	999370
	Communication Speed 1	000Mbps Full duplex
	System Status	

Basic Information

Information on various settings of this product is displayed in a list. Clicking on an item tab at the top of the screen will display each setting item.

System Information

Displays the current status.

- Model Name
- S/N
- Software Version
- Edition
- Resolution
- Display mode
- MAC Address
- Communication Speed
- Security Level (Enterprise Edition only)

System Status / Camera / Display Position / Date and Time / Network / Communication / Certificate / Other / Event Rules / Remote Controller / User Account^{*1}

The current setting status is displayed.

*1 Only available for use if the edition is Enterprise.

System Settings

Various settings such as registration of network cameras and system settings are performed.

Live Image Screen Settings

Display settings such as changing the live image screen layout are performed.

Chapter 3 System Settings

Perform settings for the date and time of the system, network settings, and maintenance. These operations can be performed from the application screen or from the web browser. This chapter explains the procedure using the web browser. However, except for a few functions, the same functions can be used with either method.

3-1. Performing Network Settings

Perform network settings such as IP address, DNS, and NTP.

Attention

- When any one of the IP address settings/IP address/subnet mask/gateway is changed and "Apply" is selected, the warning message "The network settings will be changed." is displayed.
 Select "OK".
- The same warning message is displayed when the IP address is changed from the web browser. Selecting "OK" will display a message requesting reaccess. Access again using the changed IP address.

1. Select "Network" of "System".

The "Network" screen is displayed.

EIZO	Constitute FORTITE #
Basic Information	Date and Time Network Communication Certificate Remote Controller Other Maintenance
Basic Information	Event Rules Hotkeys
System Settings	
Camera Registration	Network Settings
Camera Function Settings	IP Setting Method Manual
Display	IP Address
System	Subnet Mask
User	
Troubleshooting	Gateway Gateway
Live Image Screen Settings	DNS Settings
Live Image Screen	
	DNS Manual
	Primary Server Address
	Secondary Server Address
	NTP Settings
	NTP Off ·
	Server Address
	Apply
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2. Set the following items.

Network Settings

Item	Detail	Setting range
IP Setting Method	Select "IP Setting Method".	DHCP / Manual
IP Address ^{*1}	When "Manual" is selected under "IP Setting Method", "IP	0.0.0. <mark>1</mark> to
Subnet Mask	Address", "Subnet Mask", and "Gateway" can be set.	255.255.255.25 <mark>4</mark>
Gateway ^{*2}	Attention	
	 Avoid duplicate IP addresses for devices on the same network. 	
	 If multiple units of this product are connected on the same network, their IP addresses should be changed. 	

*1 The initial address is "192.168.0.150".

*2 If the environment does not include a gateway, it is not necessary to set "Gateway". Leave either as default setting or blank.

DNS Settings

Item	Detail	Setting range
DNS	(Only when "Manual" is selected under "IP Setting Method"	Auto / Manual
	of "Network Settings")	
	Set "DNS".	
Primary Server	When "Manual" is selected under "DNS", set "Primary	0.0.0.1 to
Address	Server Address" and "Secondary Server Address".	255.255.255.254
Secondary Server Address		

NTP Settings

Item	Detail	Setting range
NTP	Set whether to use the NTP server or not.	On / Off
Server Address	When "On" is selected, set the NTP server address.	Alphanumerics and
		symbols

3. Select "Apply".

The setting complete screen is displayed.

4. Select "OK".

3-2. Performing Communication Settings

The communication settings are used to configure the web interface function and detection of communication errors.

1. Select "Communication" of "System".

The "Communication" screen is displayed.

🔶 EIZO	Our Water FORTI Date #
Basic Information	Date and Time Network Communication Certificate Remote Controller Other Maintenance
Basic Information	Event Bulas Hotkow
System Settings	
Camera Registration	Comm. Error Detection Off
Camera Function Settings	
Display	Web Interface
System	Web Interface On T
User	Protocol HTTP -
Troubleshooting	
Live Image Screen Settings	НТТР
Live Image Screen	HTTP Port 80
	AUTH Method Digest authentication
	HTTPS
	HTTPS Port
	Apply
	Copyright (c) 2018 EIZO Corporation. All rights reserved.

2. Set the following items.

Item	Detail	Setting range
Comm. Error Detection	Set the message display timing when the reception of video	On / Off
	image data stops.	
	On:	
	Within several seconds after the reception of video image	
	data stops, an alert message is displayed in a red box on the	
	live image screen. When communication resumes, the alert is	
	cleared and the video image is displayed again.	
	Off:	
	When approx. 30 seconds have elapsed after the reception	
	of video image data stops, a communication error message is	
	displayed.	
Web Interface	Enables operation and setting of the product over the network	On / Off ^{*1}
	from a web browser.	
Protocol	Select protocol for communication with the web server.*2	HTTP / HTTPS ^{*3} /
		HTTP and HTTPS ^{*3}
HTTP Port	Set the HTTP port of the web interface.	80, 1024 to 65535
AUTH Method	Set the authentication method for the web interface.*4	Digest authentication /
		BASIC authentication
HTTPS Port	Set the HTTPS port of the web interface.	443, 1024 to 65535

ck" is "On" and "Remote Controller Lock" is "On", it cannot be set to "Off".

*2 Depending on the protocol selected, the address may be different when accessing this product from the web browser.

"HTTP": http://address of this product

"HTTPS": https://address of this product

"HTTP and HTTPS": can be accessed from either of the above

- *3 Can be set when either "Self-Signed Certificate" or "CA-Signed Certificate" is selected in "Certificate".
- *4 Cannot be set when "User Account" is "LDAP".

.

3. Select "Apply".

The setting complete screen is displayed.

4. Select "OK".

Attention

- When "Web Interface" is set to "Off", the settings cannot be configured from the web browser.
- When "Web Interface" is set to "Off" and "Apply" is selected, the following warning message is displayed.



3-3. Setting the Current Date and Time

Attention

- Set the correct dates. Incorrect dates may result in failure of secure communication during certificate validation. If you use SSL for communication with the camera or LDAP setting, avoid the state of power turned off for a long time of period or make sure correct time is set using NTP.
- If secure LDAP communication is not established, you can not login. Reset the account setting using the Reset button.

1. Select "Date and Time" of "System".

The "Date and Time" screen is displayed.

🔶 eizo	Durchise F011119 #
Basic Information	Data and Time Network Communication Certificate Remote Controller Other Maintenance
Basic Information	Livent Hules Hotkeys
System Settings	
Camera Registration	Current Time
Camera Function Settings	Current Time 2020/07/01 10:51:44
Display System	Current Time of PC 2020/07/01 10:51:35
User	Date/Time Display Settings
Troubleshooting	Date Format yyyy/mm/dd •
Live Image Screen Settings	Ten Cover 216
Live Image Screen	
	Apply
	Time Zone Settings
	Time Zone UTC
	Clock Settings
	Procedure Manual -
	Date and Time (UTC) Year 2020 • Month 7 • Day 1 •
	AM/PM + Hour 10 + Minute 51 +
	Aepty
	Copyright (c) 2018 EIZO Corporation. All rights reserved.

2. Set the current date and time.

Date/Time Display Settings

Item	Detail	Setting range
Date Format	Set the date format and time format.	yyyy/mm/dd, Mmm/dd/yyyy, dd/
		Mmm/yyyy, mm/dd/yyyy, dd/
		mm/yyyy
Time Format		24h / 12h

Time Zone Settings

Item	Detail	Setting range
Time Zone	Set the time zone.	Region / city

Clock Settings

Item	Detail	Setting range
Procedure ^{*1}	Select the time setting procedure.	Manual / Synchronize with PC
Date and Time	Set the current time.	2018/1/1 0:00 to 2035/12/31
		23:59

*1 This can be set only when displayed on the web browser.

3. Select "Apply".

The setting complete screen is displayed.

4. Select "OK".

Note

- When "Synchronize with PC" is selected for "Procedure", the current date and time information of the computer is transmitted to this product.
- If the system is not connected to the power supply for one week or longer, the date and time displayed on this product will become incorrect. If such a situation occurs, reset the date and time.

3-4. Other System Settings

Perform the following settings: "Language", "Resolution", "Multi-Monitor", "Key Lock", "USB Lock", "Remote Controller Lock", "Power Indicator", and "Keyboard Layout".

1. Select "Other" under "System".

The "Other" screen is displayed.

🔶 EIZO	Convision (COLUMN #
Basic Information	Date and Time Network Communication Certificate Remote Controller Other Maintenance
Basic Information	Fvent Rules Hotkeys
System Settings	
Camera Registration	Language English 🔹
Camera Function Settings	Multi-Monitor Extended
Display	Koulost Off
System	Ney Luck VII
User	USB Lock Off -
Troubleshooting	Remote Controller Lock Off
Live Image Screen Settings	Logo On ·
Live Image Screen	Power Indicator On V
	Kuchand Laura Castala (15)
	Keyooaru Layout Engisin (US)
	Apply
	Copyright (c) 2018 EIZO Corporation. All rights reserved.

2. Set the following items.

Item	Detail	Setting range
Language	Set the display language of the menu and the setting	日本語 / English / Deutsch
	screen.	
Multi-Monitor	Select the method for outputting the signal from the HDMI	Single / Extended / Duplicate
	connector on the back of the monitor.	
Key Lock	Locks operations by the buttons on the front of this	On / Off
	product.	
USB Lock ^{*1, 2}	Locks operations of the USB device.	On / Off
Remote Controller	Lock the operation of the remote control. (A function for	On / Off
Lock ^{*1}	use with models equipped with a remote control)	
Logo	Set whether or not to display the logo at startup.	On / Off
Power Indicator	Sets whether to turn the power indicator (blue) on or off	On / Off
	under normal operation.	
Keyboard Layout	Select the keyboard arrangement.	Japanese / English(US) /
		English(UK) / German

*1 This can be set only when displayed on the web browser.

*2 When the setting of "USB Lock" is changed, the product needs to be restarted.

3. Select "Apply".

The setting complete screen is displayed.

4. Select "OK".

3-5. Initializing the System

All settings are returned to default except for system logs, operation logs, the current time, time zone settings, license activation information, and the software version.

1. Select "Maintenance" of "System".

The "Maintenance" screen is displayed.

🔶 EIZO	Despitise FOETER# #
Basic Information	Date and Time Network Communication Certificate Remote Controller Other Maintenance
Basic Information	Event Rules Hotkeys
System Settings	
Camera Registration	Factory Reset and Restart
Camera Function Settings	Factory Reset Start
Display	Restart Start
System	Colleman Hadaba
User	Software Update
Iroubleshooting	Current Software Version 5.2910-5.2910-1.0000 (Software update completed 2020/07/01 09-46:14)
Live Image Screen Settings	File No file is selected Browse
Live Image Screen	
	Settings Data Migration
	Save Settings Data Load Settings Data
	License Activation
	Current Edition Enterprise
	File No file is selected Browse
	Activate Deactivate
	Delete Logs
	System Logs Delete
	Operation Logs Delete

2. Select "Start" under "Factory Reset".

A confirmation message is displayed.

Initialize user information and restart the system. Are you sure you want to initialize? Include network settings	
	OK Cancel

- **3.** Check the box if you wish to include network settings in the factory reset.
- 4. Select "OK".

3-6. Restarting the System

1. Select "Maintenance" of "System".

The "Maintenance" screen is displayed.

	Duardinian (DETTT P# #	
Basic Information	Date and Time Network Communication Certificate Remote Controller Other Maintenance	
Basic Information	Event Rules Hotkeys	
System Settings		
Camera Registration	Factory Reset and Restart	
Camera Function Settings	Factory Reset Start	
Display	Restart Start	
System		
User	Software Update	
Troubleshooting	Current Software Version 5.2910-5.2910-1.0000 (Software update completed 2020)07/01 09:46:14)	
Live Image Screen Settings	File No file is selected Brouse	
Live Image Screen		
	Start	
	Settings Data Migration	
	Save Settings Data	
	License Activation	
	File No file is selected Browse	
	Activate Deactivate	
	System Logs Delete	
	Operation Logs Delete	

2. Select "Start" under "Restart".

A confirmation message is displayed.

3. Select "OK".

The system will restart.



3-7. Updating Software

The software version can be upgraded. Download the upgrade file from the EIZO website (www. eizoglobal.com) ahead of time.

Attention

```
• This function can be used only when using the web browser.
```

1. Select "Maintenance" of "System".

The "Maintenance" screen is displayed.

EIZO	Outstation FORTTINE #
Basic Information	Data and Time Natwork Communication Cartificate Remote Controller Other Maintenance
Basic Information	Event Bulac Holkaye
System Settings	
Camera Registration	Factory Reset and Restart
Camera Function Settings	Factory Reset Start
Display	Restart Start
System	
User	Software Update
Troubleshooting	Current Software Version 5.2910-5.2910-1.0000 (Software update completed 2020/07/01 09-46:14)
Live Image Screen Settings	Ella Mofilalezalatad Provez
Live Image Screen	The HO HE IS SERVICE
	Start
	Settings Data Migration
	Save Settings Data Load Settings Data
	License Activation
	File No file is selected Browse
	Activate Deactivate
	Delete Long
	Delete Logs
	System Logs Delete
	Operation Logs Delete

2. Select the upgrade file.

Select "Browse" under "Software Update" and set the file.

Attention

• The software will not be updated if a file is not selected, or a file other than an update file has been selected.

3. Select "Start".

A confirmation message is displayed.

4. Select "OK".



The software is being updated. Do not turn the power off while the update is in progress. Close the browser, and wait 5 minutes before accessing again.

Note

- It takes approximately five minutes to update the software.
- The red LED blinks while the software is updating.

3-8. Saving Settings Data

Settings data can be exported to a file. The exported file can be used to transfer settings data.

Attention

• This function can be used only when using the web browser.

1. Select "Maintenance" of "System".

The "Maintenance" screen is displayed.

🔶 eizo	Despitise FORTITE #
Basic Information	Data and Time Network Communication Certificate Demote Controller Other Haintenance
Basic Information	Event Rules Hotkeys
System Settings	
Camera Registration	Factory Reset and Restart
Camera Function Settings	Factory Reset Start
Display	Restart Start
System	
User	Software Update
Troubleshooting	Current Software Version 5.2910-5.2910-1.0000 (Software update completed 2020/07/01 09:46:14)
Live Image Screen Settings	File No file is selected Browse
Live Image Screen	Start
	Settings Data Migration
	Save Settings Data Load Settings Data
	License Activation
	File No file is selected Browse
	Activate Deactivate
	Delate Loge
	System Logs Delete
	Operation Logs Delete

2. Select "Save Settings Data" under "Settings Data Migration".

The "Save Settings Data" dialog box is displayed.

3. Specify the "Password".

Save Setting	s Data		×
Password			
	E	xecute	Cancel

4. Select "Execute".

5. Specify the saving destination.

The settings data is saved.

Attention

- Some of the settings cannot be saved.
- If the password specified when saving the data is forgotten, it will no longer be possible to load the settings data.

Note

• Saved file name: fdf2711w-ip_Backupyyymmdd.duraconf2 (yyyymmdd is the save date.)

3-9. Loading System Settings Data

Load settings data from a file.

Attention

```
• This function can be used only when using the web browser.
```

```
Note
```

```
• Regardless of the software version, it is possible to switch the LDAP settings.
```

1. Select "Maintenance" under "System".

The "Maintenance" screen is displayed.

🔶 EIZO	Constitution FORITITINE
Basic Information	Date and Time Network Communication Certificate Remote Controller Other Maintenance
Basic Information	Event Rules Hotkeys
System Settings	
Camera Registration	Factory Reset and Restart
Camera Function Settings	Factory Reset Start
Display	Restart Start
System	
User	Software Update
Troubleshooting	Current Software Version 5.2910-5.2910-1.0000 (Software update completed 2020/07/01 09:46:14)
Live Image Screen Settings	File No file is selected Browse
Live Image Screen	
	Start
	Settings Data Migration
	Saw Settings Data
	Sare Settings with
	License Activation
	Current Edition Enterprise
	File Ve Biologia de Carto de
	File No The is selected Browse
	Activate Deactivate
	Delete Logs
	System Logs Delete
	Operation Logs Delete

2. Select "Load Settings Data" under "Settings Data Migration".

The "Load Settings Data" dialog box is displayed.

3. Select the settings data file.

Select "Browse" and set the file.

Load Setti	ings Data	×
Fil	le No file is selected	Browse
Passwor	d	
⊠ C	amera Registration / Display	
Sy	/stem	
	Date and Time	
	Network	
	Communication	
	Other Settings	
⊠ U	ser	
2 Li	ive Image Screen	
		Execute Cancel

4. Enter the password that was specified when saving the settings data in "Password".

5. Select the data to be loaded.

Place a check mark in the check box.

6. Select "Execute".

When loading is completed, a message is displayed.

7. Select "OK".



Attention

• If the environment where settings data was saved is different from the environment where settings data is loaded with respect to network settings or communication settings, you may not be able to display the settings screen from the web browser.

3-10. Performing License Activation

The software edition can be changed. Usable functions are added for Enterprise Edition. For details, contact your dealer or local EIZO representative.

Attention

```
• This function can be used only when using the web browser.
```

1. Select "Maintenance" of "System".

The "Maintenance" screen is displayed.

Basic Information Basic Information Basic Information Event Rules Hotkeys	
Basic Information System Settings Camera Registration Factory Reset Start Disalar System Start System Start Start Star	
System Settings Camera Registration Factory Reset and Restart Camera Function Settings Pisolay Restart System	
Camera Registration Factory Reset and Restart Camera Function Settings Factory Reset Start Display Restart Start System	
Camera Function Settings Factory Reset Start Disolav Restart Start System	
Dicalay Restart Start System	
System	
User Software Update	
Troubleshooting Current Software Version 5.2910-5.2910-1.0000 (Software update completed 2020)07/01.09:46:14)	
Live Image Screen Settings File No file is selected Browse	
Live image Screen	
Sait	
Settings Data Migration	
Saw Sottions Nata	
License Activation	
Current Edition Enterprise	
File Roman Statesting Dispate	
Activate Desctivate	
Delete Logs	
System Logs Delete	
Operation Logs Delete	

2. Select "Browse" for "License Activation", and select the license file.

3. Select "Activate".

A confirmation message is displayed.

4. Select "OK".

"Current Edition" is updated to Enterprise. Close the browser and wait 2 minutes before accessing again.

3-11. Setting Event Rules

Event rule is a function that executes specific actions when specific events are triggered. Actions to be executed when "Alert request received", "Timer expired", and "Video output status change" events occur can be set.

```
Note
```

```
• A total of 16 individual Event Rules can be set.
```

1. Select "Event Rules" of "System".

The "Event Rules" screen is displayed.

EIZO	Durafilizion FDE21178-IP			
Basic Information	Date and Time	Network	Communication Certificate	Remote Controller Other Maintenance
Basic Information	Funct Dula			
System Settings	Event Rules	Hotkeys		
Camera Registration	Event Rule			
Camera Function Settings		No.	Name	Status
Display	•			
System	•			
User	•			
Troubleshooting	-			
Live Image Screen Settings				
Live Image Screen	•			
	•			
	•			
	•			
	-			
	• •			
		16		
		econg	Detete	
				Apply
		Copyright (c) 2018 EIZO Corporation. All rights re	erved.

2. Select the number for registering the Event Rule.

Place a check mark in the check box of the number to be registered.

3. Select "Setting".

The "Event Rules" screen is displayed.

4. Set Event Rules.

Event Rules	X
Name	New rule
Status	Active -
Event	- •
Action	
	OK Cancel

Item	Detail	Setting range
Name	Enter the name of the Event Rule.	Alphanumeric, kana ^{*1} , and
		kanji ^{*1} (Up to 24 characters)
Status	Select whether to enable or disable the Event Rule.	Active / Inactive
Event	Select an event to trigger an action.	Alert request received / Timer
	The items that can be set differ depending on the event.	expired / Auxiliary command ^{*2} /
	Refer to the tables below.	Video output status change
Action	Select the actions to be executed when an event	Notification / Start a timer
	occurs. The items that can be set differ depending on	
	the action. Refer to the tables below.	

*1 This can be set only when displayed on the web browser.

*2 Used when live image screen auxiliary command execution is set as a trigger. Camera auxiliary commands cannot be set as triggers.

Selecting "Alert request received" as an "Event"

Item	Detail	Setting range
Camera No.	Select the camera to receive the alert.	Any, from 1 to 48
Trigger Type	Select the timing of the event to occur.	Any / On / Off
	Select "On" when setting display alert as a trigger, and	
	"Off" when setting hide alert as a trigger.	
ID ^{*3}	Select the ID.	Any, from 1 to 16

*3 Can be set when the "Trigger Type" is "Any" or "On".

Selecting "Timer expired" as an "Event"

Item	Detail	Setting range
Timer No.	Select the number of the timer.	1 to 8

Selecting "Notification" as an "Action"

Item	Detail	Setting range
Protocol	Select the communication protocol.	HTTP / HTTPS
URL	Enter the URL of the notification destination.	Alphanumerics and symbols (up
		to 32 characters)
Username	Enter the username for accessing the URL.	Alphanumerics and symbols (up
		to 32 characters)
Password	Enter the password for accessing the URL.	Alphanumerics and symbols (up
		to 32 characters)
Execute	Performs a confirmation test in order to access the	
	specified URL.	

Selecting "Start a timer" as an "Action"

Item	Detail	Setting range
Timer No.	Select the number of the timer.	1 to 8
Duration	Set "Minute" and "Second".	"Minute": 0 to 59, "Second": 0 to
		59

5. Select "OK".

The settings are complete.

3-12. Performing Certificate Settings

1. Select "Certificate" of "System".

The "Certificate" screen is displayed.

	Constitute FOETLINE #
Basic Information	Date and Time Network Communication Certificate Remote Controller Other Maintenance
Basic Information	Event Rules Hotkeys
System Settings	
Camera Registration	
Camera Function Settings	
Display	Type Not Selected -
System	
User	Apply
Troubleshooting	Self-Signed Certificate
Live Image Screen Settings	
Live Image Screen	Status Not generated Expiration Date:
	Cenerate
	CA-Signed Certificate
	Status Not uploaded
	Register Delete
	Root Certificate
	Register Delete
	Cópyright (c) 2018 EL/O Corporation. All rights reserved.

2. Perform certificate settings.

Server Certificate

The Server Certificate is used when accessing this product from the web browser via HTTPS.

Attention

- A Certificate Signing Request (CSR) cannot be created with this product.
- CA-Signed Certificate registration is only possible via web browser.

Select "Type", and the select "Apply".

Self-Signed Certificate

Press the "Generate" button of the "Self-Signed Certificate" field to generate a certificate, and then select it.

CA-Signed Certificate

Press the "Register" button of the "CA-Signed Certificate" field to register a certificate, and then select it. Registration of information issued from the certifying body is required for registration.

Register Certificate			
Server Certificate	No file is selected	Browse	
Private Key	No file is selected	Browse	
Intermediate Certificate (Optional)	No file is selected	Browse	
		ОК	Cancel

Root Certificate

The Root Certificate is used when performing an HTTPS connection with network cameras from this product, or when performing an LDAPS connection to the LDAP server.

Attention

- Root Certificate registration is only possible via web browser.
- A Root Certificate is not pre-installed in this product.

Select "Register", and the select "Root Certificate".

Register Certificate			×
Root Certificate	No file is selected	Browse	
		ок	Cancel

3-13. Setting the Remote Control ID

This function is for use with models equipped with a remote control.

When using multiple units of this product, the product operated by a remote control can be limited by specifying the ID shared by the product and remote control.

Note

- When the remote control ID is "0" it will operate even if the product ID and remote control ID does not match.
- The factory value of the remote control is "0".

• Setting the product ID

1. Select "Remote Controller" of "System".

The "Remote Controller" screen is displayed.

🔶 EIZO	Description FOETITH #
Basic Information	Data and Time Network Communication Certificate Demote Controller, Other Maintenance
Basic Information	
System Settings	
Camera Registration	
Camera Function Settings	
Display	• 0 DI
System	Display ID Off 🔹
User	
Troubleshooting	Apply
Live Image Screen Settings	
Live Image Screen	Copyright (c) 2018 EIZO Corporation. All rights reserved.

2. Set the following items.

Item	Detail	Setting range
ID	Select the number that will be the ID.	0 to 99
Display ID	When set to "On", the ID is displayed in the upper right	On / Off
	of the Live Image Screen when the ID button of the	
	remote control is pushed.	

3. Select "Apply".

The settings are complete.

• Setting the remote control ID

1. Press and hold |D for more than 3 seconds.

2. With ID pressed, enter the ID (0 to 99) you want to set with the number buttons.

Note

• If the ID you want to set is a single digit number, enter 0 before it. (Ex: To set "3", enter "03".)

3. Release ID.

Note

• When confirming the ID of the remote control, set "Display ID " to "On", and press ID.

The current ID is displayed in the upper right of the Live Image Screen.

3-14. Configuring USB Device Hotkeys

It is possible to operate the live image screen using the buttons on the USB device (excl. mouse, keyboard).

Hinweis

- Supported USB devices are shown below.
 - AXIS T8311 (Joystick)

1. In "System", select "Hotkeys".

The "Hotkeys" screen is displayed.

EIZO	Desthister FOR1	ner.						
Basic Information Basic Information		Date and Time	Network	Communication	Certificate	Remote Controller	Other	Maintenance
System Settings	_	Event Rules	Hotkeys	_				
Camera Registration Camera Function Settings		Device	-	•				
Disolav System			Copyrig	ht (c) 2018 EIZO Corpo	oration. All rights	eserved.		
User Troubleshooting								
Live Image Screen Settings								

2. Select a USB device to be set from "Devices".

A list of the selected USB device buttons is displayed.

3. Set the function of each button.

List of Functions

Element	Beschreibung
Vollbild	Displays/hides the live image screen menus.
1 Screen Layout	Changes the layout of the live image screen to 1 screen.
3 Screens Layout*1	Changes the layout of the live image screen to 3 screen.
4 Screens Layout ^{*1}	Changes the layout of the live image screen to 4 screen.
9 Screens Layout ^{*1}	Changes the layout of the live image screen to 9 screen.
16 Screens Layout ^{*1}	Changes the layout of the live image screen to 16 screen.
32 Screens Layout ^{*1}	Changes the layout of the live image screen to 32 screen.
8 Screens Layout ^{*1}	Changes the layout of the live image screen to 8 screen.
Custom Screen	Changes the layout of the live image screen to Custom.
Layout ^{*1}	
Sequence Mode	Turns the sequence display (mode that switches the pages to be displayed at regular
	intervals) of camera images on or off.
Page Up	Switches the camera images to be displayed on the live image screen to the next page.
Page Down	Switches the camera images to be displayed on the live image screen to the previous
	page.
Preset 1 ^{*1}	Changes the layout of the live image screen to preset 1.
Preset 2 ^{*1}	Changes the layout of the live image screen to preset 2.
Preset 3 ^{*1}	Changes the layout of the live image screen to preset 3.
Preset 4 ^{*1}	Changes the layout of the live image screen to preset 4.
Preset 5 ^{*1}	Changes the layout of the live image screen to preset 5.
Preset 6 ^{*1}	Changes the layout of the live image screen to preset 6.
Preset 7 ^{*1}	Changes the layout of the live image screen to preset 7.
Layout Change	Switches the layout of the live image screen each time the button is pressed.
JoyStick Mode ^{*2}	Switches Joystick Mode on or off.
Mouse Left ^{*2}	Mouse Left Click.

*1 Can be set only when set to be displayed on the live image screen.

*2 Is set as default on specific USB devices. Can be set only to buttons where it is the default setting.

AXIS T8311 Default Setting

Item	Description
J1	Full Screen
J2	Layout Change
J3	Page Up
J4	Page Down
L ^{*3}	Mouse Left
R*3	JoyStick Mode

*3 Cannot be changed.

4. Select "Apply".

3-15. Checking Logs

This system records operation logs and system logs. They can be used to check the current or past conditions of the system or to find out the cause when a problem occurs.

1. Select "Log Display" of "Troubleshooting".

The "Log Display" screen is displayed.



2. Select "Operation Log Display" or "System Log Display".

The log is displayed in the lower area.

🔶 EIZO	Dustrialer FOEI11199-9F
Basic Information	Loo Display Connection Confirmation Network Connection Status
Basic Information	
System Settings	Operation Log Display Fystem Log Display ← 3 / 3 → Save
Camera Registration	1/Jul/2020 11:59-08 [192.168.0.210] Gets searched camera list: Success.
Camera Function Settings	1/Jul/2020 11:59:09 [192.168.0.210] Gets searched camera list: Success. 1/Jul/2020 11:59:10 [192.168.0.210] Gets searched camera list: Success.
Display	1/Jul/2020 11:59:11 [192.168.0.210] Gets searched camera list: Success. 1/Jul/2020 11:59:12 [192.168.0.210] Gets searched camera list: Success.
System	1/Jul/2020 11:59:13 [192.168.0.210] Gets searched camera list: Success. 1/Jul/2020 11:59:15 [192.168.0.210] Gets camera name from Camera device directly: Success.
User	1/Jul/2020 11:59:29 [192.168.0.210] Updates (or Registers) camera at a specified position: Success. 1/Jul/2020 12:04:57 [192.168.0.210] Sets event rules settings: Success.
Troubleshooting	1/Jul/2020 12:08:53 [192.168.0.210] Gets operation log: Success. 1/Jul/2020 12:09:01 [192.168.0.210] Gets system log: Success.
Live Image Screen Settings	1/Jul/2020 12:09:13 [192.168.0.210] Gets operation log: Success. 1/Jul/2020 12:11:49 [192.168.0.210] Ping Command Execution: Success.
Live Image Screen	1/Jul/2020 12:12:40 [192.168.0.210] Ping Command Execution: Success. 1/Jul/2020 12:17:32 [192.168.0.210] Get camera's function settings: Success.
	1/Jul/2020 12:17:34 [192.168.0.210] Asynchronous camera function access: Success. 1/Jul/2020 12:20:49 [192.168.0.210] Set Lavout Icon Config: Success.
	1/Jul/2020 12:20:58 [192.168.0.210] Set Layout Icon Config: Success.

3-16. Saving Logs

Save operation logs and system logs.

Use these logs to check the current or past conditions of the system or to find out the cause when a problem occurs.

.

Attention

• This function can be used only when using the web browser.

1. Select "Log Display" of "Troubleshooting".

The "Log Display" screen is displayed.

🔶 EIZO	FDF2711W-IP
Basic Information	Log Display Connection Confirmation Network Connection Status
Basic Information	
System Settings	Operation Log Display System Log Display ← 0 / 0 → Save
Camera Registration	
Camera Function Settings	
Display	
System	
User	
Troubleshooting	
Live Image Screen Settings	
Live Image Screen	

2. Select "Operation Log Display" or "System Log Display".

The log is displayed in the lower area.

3. Select "Save".

The saving destination dialog box is displayed.

4. Select a saving destination.

5. Select "Save".
3-17. Performing Camera Connection Confirmation

The connection status of the network cameras can be confirmed.

Attention

• This function can be used only when using the web browser.

1. Select "Connection Confirmation" of "Troubleshooting".

The "Connection Confirmation" screen is displayed.



2. Select "Camera Name".

3. Select "Run" for "ping" or "traceroute".

The connection status is displayed in the lower area.

🔶 eizo	Desphates FDE211	une-er					
Basic Information		Log Display	Connection Confirmation	Network Connection Status			
Basic Information	-						
System Settings			Camera Name	1,991010	•		
Camera Registration			ning	Rup			
Camera Function Settings			build	Kuil			
Display			traceroute	Run			
System							
User		PING 192.168	.0.232 (192.168.0.232) 56(84)	bytes of data. ttl=64 time=0 779 ms			
Troubleshooting		64 bytes from 64 bytes from	192.168.0.232: icmp_seq=2 192.168.0.232: icmp_seq=3	ttl=64 time=0.783 ms ttl=64 time=0.943 ms			
Live Image Screen Settings		192.168.0.2	232 ping statistics				
Live Image Screen		3 packets trar rtt min/avg/n	nsmitted, 3 received, 0% pack nax/mdev = 0.779/0.835/0.94	ket loss, time 1999ms i3/0.076 ms			

3-18. Confirming Network Connection Status

1. Select "Network Connection Status" of "Troubleshooting".

The "Network Connection Status" screen is displayed.

🔶 EIZO	FDF2711W-IP						
Basic Information		Log Display	Connection Confirma	ation	Network Connection Status		
Basic Information							
System Settings		Curre	nt Status		Reconnect		
Camera Registration						_	
Camera Function Settings							
Display							
System							
User							
Troubleshooting							
Live Image Screen Settings							
Live Image Screen							

2. Select "Current Status".

The connection status is displayed in the lower area.

Note

• Select "Reconnect" to reset the network status. The connection status is not displayed.

Chapter 4 Management of Network Cameras

This section describes the procedure for network camera registration and function settings, and to reflect them on the system.

These operations can be performed from the application screen or from the web browser.

This chapter explains the procedure using the web browser. However, except for a few functions, the same functions can be used with either method.

4-1. Registering a Network Camera Using Auto Discovery

Network cameras installed on the same network as this product can be automatically detected and registered.

1. Select "Camera Registration".

A screen is displayed to show a list of camera registration information.

🔶 EIZO	DuraNistee FDE	171.De							
Basic Information		Came	era Registra	ition					
Basic Information			0						
System Settings		2	.9 –						
Camera Registration		× 3	- 00						
Camera Function Settings		-	sı						
Display		- 3	12 -						
System		- 3	13 -						
User		- 3	и –						
Troublesbooting		- 3	15						
Line Image Cancer Catting			- 66						
Live image screen settings		-	37 –						
Live Image Screen		-	18						
		3	19						
		- 4	- 40						
		- 4	u						
		- 4	12						
		- 4	13						
		- 4	14						
		- 4	15						
		- 4	16						
		- 4	- 17						
		- 4	18 -						
									✓
		Mar	nual Registration	D	elete	Load Camera	Information	Save Camera Informatio	n
			uto Discovery	1					
		- - -	ato biocovery	·					
								Apply	

2. Select "Auto Discovery" in the lower part of the screen.

3. Select "Protocol".

Select from "Panasonic", "AXIS", and "ONVIF".



4. Enter the network camera "Username" and "Password", and select "OK".

Displays the detection results.



5. Place a check in the camera to register, and select "Add".

The camera is registered.

6. Select "Apply".

4-2. Registering a Network Camera Manually

1. Select "Camera Registration".

A screen is displayed to show a list of camera registration information.

<	Dephister FDE	n n	10							
Paris Information				_	_	_	_	_		
Basic Information		Carr	nera l	Registration						
Basic Information			29							
System Settings	j	2	30							
Camera Registration			31							
Camera Function Settings			32							
Display			33							
System			34							
User										
Troubleshooting									-	
Live Image Screen Settings										
Live Image Screen			38							
			39						-	
			40							
									-	
									-	
									-	
			44						-	
			45						-	
			46						-	
									-	
			48						-	
									×	
		м	anual R	legistration		Load C	Camera Information		Save Camera Information	
			A							
		-	Auto Di	iscovery						
									Apply	

2. Select a position where the camera is to be registered.

Place a check mark on the check box of the position number where the camera is to be registered.

3. Select "Manual Registration" in the lower part of the screen.

The "Camera Information Settings" dialog box is displayed.

4. Set each item and select "OK".

Camera Informatio	n Settings	×
	Obtain Camera Name	
	Ping	
	•	
	Panasonic -	
	2	
	1 *	
RS485PTZ Control	off	
Comm Method	TTP mar HDP	
eonini, metriou		
	ОК Саг	icel

Item	Detail	Setting range
Camera Name ^{*1}	Enter the camera name. If "Obtain Camera Name" is	Alphanumeric,
	selected, the camera name is automatically obtained from	kana ^{*3} , and
	the network camera.*2	kanji ^{*3} (Up to 24
	If "Protocol" is "DirectUri", "Obtain Camera Name" cannot	characters)
	be used.	,
IP Address	Enter the IP address of the network camera.	0.0.0.1 to
		255.255.255.25 <mark>4</mark>
"Ping" button	Executes a connection test with the camera (i.e. ping	-
	command).	
Port	Enter the port number of the network camera.	1 to 65535 ^{*4}
SSL ^{*5}	Provides secure communication.	-
Certificate Validation	Select certificate validation during SSL communication.	On / Off
	Attention	
	If "Certificate Validation" is "On " the Root Certificate of the	
	network camera must be registered in "Boot Certificate" of	
	"Cortificato"	
Protocol	Select the protocol to control comeros	Panasonic / AXIS /
1 1010001		ONIVIE / DirectUri
Lloornomo ^{*6}	Enter the user name to be used to appear the network	Alphopumorico and
Osemane		Alphanumencs and
	camera.	symbols (Up to 32
Bacoword*6	Enter the password to be used to appear the petwork	Alphopumorico and
Fassword	Efficience password to be used to access the fielwork	Alphanumencs and
	camera.	symbols (Up to 32
Martin Drafila*7		characters)
Media Profile	Select the media profile of the network camera.	EIZO_Profile /
	Select "Obtain Profile" to obtain a list of profiles from the	Profile of each
T · · · · · · *7	network camera.	camera
Iransmission Mode '	Select the mode for transmitting camera video images.	Unicast / Multicast
	Set the URI that starts with rtsp:// or rtp://.	Alphanumerics (Up
		to 1023 characters)
Comm. Method	Select the communication method for camera video images.	RTP over UDP ⁹ /
		RTP over RTSP /
- *10		SRTP over UDP ⁻¹²
Stream	Select a stream format.	1/2/3/4
Channel ^{*10}	Select a stream channel.	1/2/3/4
RS485PTZ Control ¹⁰	Select whether or not PTZ operation is enabled for the	On / Off
	camera that supports RS 485 communication.	
Video Stream ^{*11}	Select a video stream format.	Depends on the
		camera
Stream Profile ^{*11}	Select a stream profile.	Depends on the
		camera

- *1 This can be obtained only when "IP Address", "Port", "Username", and "Password" are input.
- *2 If "Protocol" is "DirectUri," the "Obtain Camera Name" button is not displayed.
- *3 This can be input only when displayed on the web browser.
- *4 When "Protocol" is set to "DirectUri" and "URI" starts with rtp://, the setting range will be 1024 to 65534.
- *5 Can only be set if "Protocol" is "Panasonic", "AXIS", or "ONVIF".
- *6 Enter the username and password of the user who has the administrator's rights. For details, refer to the network camera User's Manual.
- *7 This can be set only when "Protocol" is set to "ONVIF".
- *8 This can be set only when "Protocol" is set to "DirectUri".
- *9 In the following cases, it is only possible to set "RTP over UDP".
- In the case where "Protocol" is set to "ONVIF" and "Transmission Mode" is set to "Multicast"
- When "Protocol" is set to "DirectUri" and "rtp://Multicast Address" is correctly entered into URI
- *10 This can be set only when "Protocol" is set to "Panasonic".
- *11 This can be set only when "Protocol" is set to "AXIS".
- *12 Can be set upon fulfilling all of the following conditions.
- · Using Enterprise edition
- "Protocol" is "AXIS"
- "SSL" is checked
- · Camera SRTP setting is enabled

Returns to the screen that shows a list of camera registration information in the step 1 above.

5. Select "Apply".

A confirmation message is displayed.

6. Select "OK".

Note

• If there is a failure in obtaining "Obtain Camera Name" or "Obtain Profile" information, the following message is displayed. Try obtaining the information again.

Communication Error Failed to obtain information from the camera.	
OK	

4-3. Changing Network Camera Information

1. Select "Camera Registration".

A screen is displayed to show a list of camera registration information.

IZO 🔶 EIZO	Decivitizies FDE	in n	e#						
Basic Information		Can	nera	Registration					
Basic Information								_	
System Settings									
Camera Registration		×							
Camera Function Settings	l								
Display									
System			33						
User			34						
Troubleshooting			35						
Live Image Screen Settings			36						
Live Image Screen									
			38						
			39						
			40						
			41						
			42						
			43						
			44						
		H	45						
			46						
			4/						
		H	48					-	
		M	anual I	Registration	Delete	Load Camera Informa	tion	Save Camera Information	
			Auto D	iscovery					
								Annhu	
								Арріу	

2. Select the position number of the camera to be changed.

Place a check mark on the check box of the position number of the camera to be changed.

3. Select "Manual Registration".

The "Camera Information Settings" dialog box is displayed.

4. Set each item and select "OK".

Returns to the camera registration information list screen in step 1.

Display Position 3		
Camera Name		Obtain Camera Name
IP Address		Ping
	•	
Certificate Validation	Off	•
	Panasonic	•
	2	•
	1	•
	Off	•
Comm. Method	RTP over UDP	•

Note

• For details, refer to step 3 under "4-2. Registering a Network Camera Manually" (page 41).

5. Select "Apply".

A confirmation message is displayed.

6. Select "OK".

Note

• If there is a failure in obtaining "Obtain Camera Name" or "Obtain Profile" information, the following message is displayed. Try obtaining the information again.

Communication Error
Failed to obtain information from the camera.
OK

4-4. Deleting Network Cameras

1. Select "Camera Registration".

A screen is displayed to show a list of camera registration information.

🔶 eizo	Durafiliation FDRS	an ne-	•					
Basic Information		Came	ra Registrat	tion				
Basic Information								
System Settings		2	9				-	
Camera Registration		⊠ 3	0				-	
Camera Function Settings		3	1				-	
Display		3	2				-	
System		3	3				-	
User		3	4					
Troubleshooting		3	5				-	
Live Image Screen Settings		3	5				-	
Eive Image Screen Settings		3	7 –				-	
Live image Screen		3	B				-	
		3	9				-	
		4	0				-	
		4	1 -				-	
		4	2					
		4	3					
		4	4					
		4	5					
		4	6					
		4	7 –				-	
		■ 4	8				-	
		Man	ual Registration	Delete	Load Camera Informa	tion S	ave Camera Information	
		AL	ito Discovery					
							Apply	

2. Select the camera to be deleted.

Place a check mark on the check box of the position number of the camera to be deleted.

3. Select "Delete" in the lower part of the screen.

A confirmation message is displayed.

Are you sure you want to delete the following a Position1	cameras?
Position2 Position3	
	OK Cancel

4. Select "OK".

Returns to the screen that shows a list of camera registration information.

5. Select "Apply".

A confirmation message is displayed.

4-5. Exporting Network Camera Information

The list of camera registration information can be saved in a CSV file. The exported file can be used when transferring network camera information.

Attention

```
• This function can be used only when using the web browser.
```

1. Select "Camera Registration".

A screen is displayed to show a list of camera registration information.

🔶 EIZO	Destricted FDR	11110-0	P.						
Basic Information		Camer	a Registration						
Basic Information			8						-
System Settings	1	29							
Camera Registration		⊠ 30						-	
Camera Function Settings		31							
Display		32							
System		33							
User		3 4							
Troubleshooting		35							
Live Image Screen Settings		3 6							
Live Image Screen Settings		37							
Live image Screen		38							
		39							
		■ 40							
		41							
		42							
		43							
		44							
		45							
		■ 46							
		47							
		■ 48							
									·
		Manu	al Registration	Delete	Load	Camera Information	Save C	Camera Information	
		Auto	o Discovery						
								Apply	

2. Select "Save Camera Information".

A CSV file containing the camera information displayed in the information list is exported.

Note

• Saved file name: fdf2711w-ip_CameraInfo_yyyymmdd.csv (The date and time of the product is yyyymmdd.)

4-6. Importing Network Camera Information

A CSV file that contains additional camera candidates can be imported and used for registration.

Attention

```
• This function can be used only when using the web browser.
```

1. Select "Camera Registration".

A screen is displayed to show a list of camera registration information.

EIZO	Durafiliation FDR	m	8-P							
Basic Information		Can	nera	Registration						
Basic Information				ineBiotration						
System Settings									-	
Camera Registration		2							-	
Camera Function Settings										
Display										
System										
User			34							
Troubleshooting										
Live Image Screen Settings			36							
Live Image Screen										
Live mage Screen			38						-	
									-	
			40						-	
									-	
			42						-	
			43						-	
			44						-	
			45						-	
			46						-	
			47						-	
			48						-	
			lanual i Auto D	Registration	Delete	Load (Camera Information	Save Camera	Information	
			Auto D						Apply	

2. Select "Load Camera Information".

A file selection dialog box opens.

3. Select the CSV file that contains the network camera information and select "Open".

A list of the candidate network cameras appears.

L	Load Camera Information $ imes$							
	You can	add 15	more cameras.					
	Add	No.	Camera Name	Model No.	Protocol	IP Address	Port	Web Page
	•	1	-		ONVIF	30.198.0.101	80	Web Page
								Add Cancel

4. Select a camera to be added from the list of candidates and select "Add".

Returns to the camera registration information list screen in step 1.

5. Select "Apply".

A setting confirmation dialog box is displayed.

6. Select "OK".

Note

- Up to 255 candidate cameras can be read.
- The CSV files that can be read are as follows.
- CSV files exported from the web browser
- CSV files created by the user
- For details on how to export CSV files, refer to "4-5. Exporting Network Camera Information" (page 47).

4-7. Setting Network Camera Time

Adjust the time of the network camera to the time of this product.

Attention

- Cannot be set if the camera does not support this function.
- Can only be set when "Protocol" is "Panasonic" or "ONVIF" during camera registration.

1. Select "Camera Function Settings".

The "Camera Function Settings" screen is displayed.



2. Select a network camera to be set from "Camera Name".

Information on the selected network camera is displayed.

3. Select "Execute" for "Camera Info. Display/Clock Settings".

The clock is synchronized.

Note

- The following settings are possible when "Protocol" of the registered camera is "Panasonic".
 - Camera Information Display
 - Time Display
- Display Position

4-8. Setting Quality of Transmission Video Images

Set the quality of video images transmitted from the network cameras.

Note

• This product supports H.264, H.265 (Panasonic only), and MJPEG video compression formats.

Attention

- When devices such as recorders are connected to a network camera, the display and recording of such devices may be affected.
- Setting cannot be performed if "Protocol" is a "DirectUri" network camera.

1. Select "Camera Function Settings".

The "Camera Function Settings" screen is displayed.

🔶 EIZO	FDF2711W-IP
Basic Information	Camera Function Settings
Basic Information	
System Settings	Camera Name
Camera Registration	
Camera Function Settings	Copyright (c) 2018 EIZO Corporation. All rights reserved.
Display	
System	
User	
Troubleshooting	
Live Image Screen Settings	
Live Image Screen	

2. Select a network camera to be set from "Camera Name".

Information on the selected network camera is displayed.

F	Protocol		ltere	Detail	O attin a namara	
Panasonic	AXIS	ONVIF	item	Detail	Setting range	
		\checkmark	Media Profile	Select the profile.	EIZO_Profile / Profile of each camera	
		\checkmark	Encoder	Select the encoder settings.	According to the camera specifications	
√*3	\checkmark	$\sqrt{3}$	Compression Format	Select the compression format.	H.264 / H.265 / MJPEG	
√*3	\checkmark	\checkmark	Resolution	Set the resolution.	According to the camera specifications	
√*4	\checkmark		Frame Rate	Set the frame rate (video image update interval).	According to the camera specifications	
			Encoding Interval	Set the encoder interval.	According to the camera specifications	
			Bit Rate (Max.)	Set the maximum bit rate.	0 to 8192 kbps	
			Video Quality	Set the image quality. The higher the value, the higher the image quality.	According to the camera specifications	
			GOV Length ^{*1}	Set the I-frame interval.	According to the camera specifications	
		\checkmark	H.264 Profile ^{*1}	Select a H.264 standard profile.	Baseline / Main / Extended / High	
√*3	√*3	√*3	Comm. Method	The communication methods for camera video images are displayed.	RTP over UDP / RTP over RTSP / SRTP over UDP	
√*3			Transmission Mode	Select the transmission mode.	Unicast / Multicast	
√*3	\checkmark	$\sqrt{3}$	Multicast Address ^{*2}	Set the Multicast address for Multicast transmission.	224.0.0.0 to 239.255.255.255	
√*3	\checkmark	√*3	Multicast Port ^{*2}	Set the Multicast port number for Multicast transmission.	1824 to 65534: even numbers only	
√*3	\checkmark	√*3	Multicast TTL ^{*2}	Set the network TTL value for Multicast transmission.	According to the camera specifications	
\checkmark			Refresh Interval	Set the refresh interval (I-frame interval) of images.	0.2 to 5 seconds	
\checkmark			Transmission Priority	Set the video bit rate transmission priority.	Constant Bit Rate / Frame Rate / Best Effort	
$\sqrt{5}$			Bit Rate (Min.)	Set the minimum bit rate for the video to be transferred.	0 to 8192 kbps	
√*6			Image Quality	Set the image quality for the video to be transferred.	Fine (prioritize image quality) / Normal / Low (prioritize motion)	
	\checkmark		Video Stream	Select the display mode to be used by the camera display.	According to the camera specifications	
	\checkmark		Stream Profile	Select the profile that the camera has.	EIZO_Profile / Profile of each camera	
	√*3		Rotation	Select the rotation direction of the images.	0 / 90 / 180 / 270	
	$\sqrt{3}$		GOP Length ^{*1}	Select the GOP length for the video.	According to the camera specifications	
			Priority ^{*1}	Sets the priority for video compression.	None / Frame Rate / Quality	

3. Set the following items under "Video Settings".

- *1 Displayed when "H.264" is selected for "Compression Format".
- *2 Displayed when "Multicast" is selected for "Transmission Mode".
- *3 Read Only
- *4 Can only be adjusted when "Transmission Priority" is "Frame Rate"
- *5 Can only be adjusted when "Transmission Priority" is "Best Effort"
- *6 Can only be adjusted when "Transmission Priority" is other than "Frame Rate"

Note

- · If "Protocol" of the network camera is set to "DirectUri", setting contents are displayed.
- The following settings are possible in "Other" when "Protocol" is "Panasonic" during camera registration.
- Pan/Tilt-flip
- Upside-down
- Lamp Display

4. Select "Apply".

The setting complete screen is displayed.

5. Select "OK".

Attention

- Depending on the network camera, some set values may not be reflected. Check the specifications of the camera.
- When changes are made to image quality settings such as resolution, the image quality of other recording devices and display devices using the same "Encoder" may be affected.
- · Check the impact of changes to the image quality settings before configuring the settings.

Chapter 5 Live Image Screen Settings

In the live image screen settings, display settings such as changing the live image screen layout are performed.

5-1. Setting Display Positions of Camera Video Images

Set the display position for video images from the network camera.

You can switch the display positions of the source and destination camera images by dragging and dropping the camera name.

```
Note
```

· It is possible to set all the display positions of the registered network cameras.

1. Select "Display Position Settings" of "Display".

The "Display Position Settings" screen is displayed.



No.	Description
1	A group of cameras displayed at the same time in the video image display area.
2	The position of a camera displayed in the video image display area. The registered camera name is
	displayed.

2. Select the layout of the live image screen.

Select one from the "Layout" list box.

Note

- When a layout is selected, the display on the page changes to the selected state. You can set the layout while imagining the display status.
- The initial display position when the screen is transitioned is the display position currently set for this product.

3. Select the name of the camera to move, and drag and drop the name on the position of the destination camera name.

The display positions of the source and destination camera video image are switched.

Example: 4-screen layout

- 1. Select "Display Position 1" for page 1.
- 2. Drag and drop it at "Display Position 5" on page 2.

The "Display Position 1" camera and "Display Position 5" camera are switched. Only the camera name in the inner square is moved. The display position of the camera video image does not move.

4. Select "Apply".

The display positions of camera video images are updated. When "Reset" is selected, the information of the setting being changed is discarded and the setting is reset to the current display setting of the product.

Note

• If displayed on the web browser screen, a camera web page link is embedded in the frame where a camera name is assigned. (Excluding network cameras with their "Protocol" set to "DirectUri".) Click the camera name, and a camera web page is displayed in a separate window.

5-2. Setting Display Methods of Camera Video Images

Perform settings for whether to display or hide the camera name, specifying the screen switching interval, and aspect ratio.

1. Select "Other Display Settings" of "Display".

The "Other Display Settings" screen is displayed.

EIZO	Outstaine FOETHER #
Basic Information	Display Position Settines Other Display Settines Custom Scr. Settines Overlay Settines Icon Arranger
Basic Information	Proced Sattings
System Settings	
Camera Registration	Camera Name Display Off
Camera Function Settings	Sequence Interval 10Seconds
Display	
System	
User	Apply
Troubleshooting	
Live Image Screen Settings	Copyright (c) 2018 EIZO Corporation. All rights reserved.
Live Image Screen	

2. Set the following items.

Item	Detail	Setting range
Camera Name	Select to display or hide the registered camera name on the live	On / Off
Display	image screen. (The camera name is displayed at the upper left of	
	the video image.)	
Sequence Interval	Set the interval for changing over the screen during sequential	5 to 60 seconds
	display.	
Aspect Ratio Mode	Set which aspect ratio to apply when the aspect ratio of the video image delivered from the network camera is different from the aspect ratio displayed in the image display area on the monitor. If "Aspect" is selected when "Custom Screen" is selected for "Layout", either "Full" or "Aspect" can be selected for each camera video image. For details, refer to "5-3. Setting Custom Screen Layouts" (page 57).	Full / Aspect

3. Select "Apply".

The setting complete screen is displayed.

5-3. Setting Custom Screen Layouts

Set the display layout when "Custom Screen" is selected in "Layout" for the Live Image Screen.

1. Select "Custom Scr. Settings" of "Display".

The "Custom Scr. Settings" screen is displayed.



Note

- When set to "Extended" in "Multi-Monitor", the range displayed on each monitor is shown as a red, dotted line.
- Click in the display position frame to fix the display position of any camera image. The display position for the specified camera image is maintained even if the pages are switched. This function can only be used with "Custom Scr. Settings".

2. Select the number of "row(s)" and "column(s)" from the list box.

The screen will change to a layout with the selected number of columns and rows.

3. Drag a camera image display position and drop it on the display position you want to couple with.

The selected display position is coupled.

4. Select "Apply".

The display position coupling is updated. When "Reset" is selected, the information of the setting being changed is discarded and the setting is reset to the current display setting of the product.

Note

- To release the coupling, click the display position just coupled. This can also be performed by changing the number of columns and rows from the list box.
- If "Aspect Ratio Mode" is set to "Aspect", "Full" or "Aspect" is displayed for the camera display position, and the setting changes every time either one of them is selected.
- For information on setting "Aspect Ratio Mode", see "5-1. Setting Display Positions of Camera Video Images" (page 54).

5-4. Changing the Displayed Layout Icon

You can change the icons to be displayed on the display menu on the live image screen.

Attention

• This function can only be used with the "Enterprise" software edition. For more information regarding software editions, see "3-10. Performing License Activation" (page 25).

1. Select "Icon Arranger" in "Display".

The "Icon Arranger" screen is displayed.

🔶 EIZO	Outstitutes (O1211198-07
Basic Information	Diroby Bacilian Satilane Other Diroby Satilane Custom Ser. Satilane Durdby Satilane
Basic Information	Drend Settings
System Settings	
Camera Registration	
Camera Function Settings	
Display	
System	
User	
Troubleshooting	
Live Image Screen Settings	
Live Image Screen	Proof
	Apply Reset
	Copyright (c) 2018 EIZO Corporation. All rights reserved.

No.	Description
1	Icon Registration Area
2	Icon Selection Area

2. Drag the icon you wish to change and drop it in the icon registration area where you wish to display it.

Note

- If another icon is already registered at the destination, the position of the icons will switch.
- If you wish to delete an icon from the display menu, drag and drop the icon from the icon registration area to the icon selection area.
- Cannot change 💷 📮 🛒 🚂

3. Select "Apply".

5-5. Setting Layout Presets

You can save the live image screen display layout and camera location as presets.

Attention

• This function can only be used with the "Enterprise" software edition. For more information regarding software editions, see "3-10. Performing License Activation" (page 25).

NOTE

• Up to seven presets can be saved.

1. Select "Preset Settings" in "Display".

The "Preset Settings" screen is displayed.

🔶 EIZO	Outstation FORTITINE P
Basic Information Basic Information	Display Position Settings Other Display Settings Custom Scr. Settings Overlay Settings Icon Arranger Preset Settings
System Settings Camera Registration Camera Function Settings	Preset Number
Display System	Copyright (c) 2018 EIZO Corporation. All rights reserved.
User Troubleshooting	
Live Image Screen	

2. Select a preset number for configuration from "Preset Number".

The preset settings screen of the selected preset is displayed.



3. Set the preset name in "Preset Name" in the "Basic Settings" tab.

Item	Description	Range
Preset name	Enter the preset name.	Alphanumeric numbers, Japanese
		alphabet ^{*1} .Chinese characters ^{*1} (up to 16
		characters)

*1 This can be set only when displayed on the web browser.

4. Select the number of "Row(s)" or "Column(s)" from the list box.

The screen will change to a layout with the selected number of columns and rows.

5. Select the camera image display position and drag and drop it on the display position you want to couple with.

The selected display position is coupled.

Note

• Click the coupled display position to deactivate it. Or, change the row(s) and column(s) in the list box.

6. Select "Apply".

7. Select the "Camera Selection" tab.

🔶 eizo	OutsMaker FOR211.04-P						
Basic Information	Display	Position Settings	Other Display Settings	Custom Scr. Settings	Overlay Settings	Icon Arranger	
Basic Information	Preset S	ettings					
System Settings							
Camera Registration		Preset Number	1			×	
Camera Function Settings			ra Selection				
Display							
System	1	1. WV-S3130					
User		 					
Troubleshooting		13.				<u> </u>	
Live Image Screen Settings					_		
Live Image Screen	2						
				_			

No.	Description
1	Camera Selection Area
2	Camera Location Area

8. Drag a camera to be set from the camera selection area or camera location area and drop it in the desired location in the camera location area.

Note

- Click a camera to be set from the camera selection area to put it in an open position in the camera location area.
- If another camera is already registered at the destination, the position of the cameras will switch.
- To deactivate a setting, drag and drop it from the camera location area to the camera selection area.

9. Select "Apply".

5-6. Setting the Overlay

It is possible to display privacy masks or virtual lines on camera images on the live image screen.

1. Select "Overlay Settings" in "Display".

The "Overlay Settings" screen is displayed.

EIZO	Outstation FORTITINE #
Basic Information	Display Position Settings Other Display Settings Custom Scr. Settings Overlay Settings Icon Arranger
Basic Information	Preset Settings
System Settings	
Camera Registration	Camera Name Show grid
Camera Function Settings Display	Convertent (n) 2018 5770 Composition All desite reasoned
System	oolbulkur (A reze zene oolbenzonnum uikun rezenzen
User	
Troubleshooting	
Live Image Screen Settings	
Live Image Screen	

2. Select a network camera to be set from "Camera Name".

The camera settings screen of the selected network camera is displayed.

Note

- Check "Show grid" to display a grid on the camera images in the live image screen. This function can be set only when displayed on the web browser.
- Network camera images are displayed in the drawing area on the application screen.

	Provide Law Control Part	-						
	Carrier Forth The	-						
Basic Information	Displa	y Position Settings	Other Display Settings	Custom Scr. Settings	Overlay Settings	Icon Arranger		
Basic Information	Prese	t Settings						
System Settings	_				-			
Camera Registration	Came	ra Name	ALC: N	·	Show grid			
Camera Function Settings								
Display		Mode Privad	v Mask 🗸					
System								
User	1						2	
Troubleshooting								
Live Image Screen Settings								
Live Image Screen								
		New	Delete Del	ete All App	ly			
	_							
		Con	wright (c) 2018 EIZO Corporat	ion All rights reconved				
		Сор	ment (c) 2018 EIZO Corporat					

No.	Description
1	Drawing area
2	List area

3. Select an overlay type to be set from "Mode".

Item	Description
Privacy mask	Up to 10 privacy masks can be set.
	Designates 3 or 4 points in the drawing area and draws polygonal shaped privacy masks.
Virtual line	Up to 10 virtual lines can be set.
	Designates 2-10 points in the drawing area and draws virtual lines.

4. Select "New".

A new overlay type is added to the list area.

5. Set the overlay items

🔶 eizo	Outstitutes FOIT1114 #
Basic Information	Disolav Position Settines Other Disolav Settines Custom Scr. Settines Overlav Settines Icon Arraneer
Basic Information	Preset Settings
System Settings	
Camera Registration	Camera Name Show grid
Camera Function Settings	
Display	
System	
User	Change
Troubleshooting	
Live Image Screen Settings	
Live Image Screen	
	New Delete Delete All Apply
	Copyright (c) 2018 EIZO Corporation. All rights reserved.

Item	Description	Range		
Check box	Switches between displaying/hiding the overlay.	-		
Color	Select a color from the color palette.			
Opacity ^{*1} Select opacity.		0 to 100		
Weight ^{*2}	eight ^{*2} Select line weight 1 to 12			
*1 Privacy mask only item.				
*2 Virtual line only item.				

6. Draw the overlay in the drawing area.

7. Select "Apply".

The overlay is displayed in the drawing area.

Note

- Specific overlays can be deleted by following the steps below.
 - 1. In the drawing area, select the overlay you wish to delete.
 - "Selected" will be displayed on the selected overlay items in the list area.
 - 2. Select "Delete".
 - 3. Select "Apply".
- Select "Delete All" to delete all overlays..

5-7. Setting the Display Methods of Live Image Screens

Display settings such as changing the live image screen layout are performed.

1. Select "Live Image Screen Settings" of "Live Image Screen".

The "Live Image Screen Settings" screen is displayed.

IZO 🔶 EIZO	Description FOREITER P	
Basic Information	Live Image Screen Settings	System Status Settings Livestream View Other
Basic Information		
System Settings	Full Screen Display	Off ·
Camera Registration	Layout	4 Screens -
Camera Function Settings	Page	1
Display		
System	Sequence	•
User		Apply
Troubleshooting		
Live Image Screen Settings	Соругі	ight (c) 2018 EIZO Corporation. All rights reserved.
Live Image Screen		

2. Select each setting item from the list box.

Item	Detail	Setting range
Full Screen	Set to display or hide the menu on the live image screen.	On / Off
Display		
Layout	Set the layout to be displayed on the live image screen.	1 Screen / 3 Screens / 4
		Screens / 9 Screens / 16
		Screens / 32 Screens / 8
		Screens / Custom Screen
Page	Set to switch the page of camera video images to display on the	1 to 48
	monitor.	
Sequence	Set to switch the page sequence display on or off.	On / Off

3. Select "Apply".

The setting complete screen is displayed.

5-8. Setting Current Monitor Display Status

1. Select "System Status Settings" of "Live Image Screen".

The "System Status Settings" screen is displayed.

🔶 EIZO	Datablase (DC311) et #
Basic Information	Live Image Screen Settings Status Settings I Junstream View Other
Basic Information	
System Settings	Current Status Live Image Screen Live Image Screen
Camera Registration	Brightness 24 / 100
Camera Function Settings	Volumo 8/20
Display	
System	
User	Kelfrech Status
Troubleshooting	
Live Image Screen Settings	Copyright (c) 2018 E12O Corporation. All rights feserved.
Live Image Screen	

2. Click ▼ next to "Current Status" to select the status from the displayed list.

Item	Detail
Live Image Screen	The monitor screen shows the Live Image Screen
Quick Shutdown	The power is off
Setting Screen	The monitor screen displays the Setting Screen
	Attention
	 It is not possible to change "Current Status" in the "Setting Screen". It is possible to change to other statuses from the "Setting Screen".

Note

- The brightness of the application screen can be adjusted by operating the "Brightness" slider with the mouse.
- Speaker volume can be adjusted using the "Volume" slider. Click 💽 to temporarily mute the audio.
- · Click "Refresh Status" to obtain the current status of the monitor.
- · Only "Brightness" and "Refresh Status" are displayed on the application screen.

5-9. Checking Livestream View

The current live image screen display can be checked by video from the web browser.

Attention

- This function can only be used with the "Enterprise" software edition. For more information regarding software editions, see "3-10. Performing License Activation" (page 25).
- This function can be used by up to two users simultaneously.

1. Select "Livestream View" on the "Live Image Screen".

The live image screen is displayed as a video. Click "Pause" to pause the video, and "Resume" to resume the video. You can switch to full screen display by double clicking the livestream view display.



5-10. Refreshing the Livestream View

Refresh the status of the livestream view display.

1. Select "Other" on the "Live Image Screen".

EIZO	Constitute FOLITINE #
Basic Information	Live Image Screen Settings System Status Settings Livestream View Other
Basic Information	
System Settings	Stream Refresh
Camera Registration	Execute
Camera Function Settings	
Display	Convrient (c) 2018 EI/20 Comporation. All rights reserved.
System	
User	
Troubleshooting	
Live Image Screen Settings	
Live Image Screen	

2. Select "Execute".

.

Chapter 6 Management of the User Account

Perform procedures such as registering, changing, and deleting user accounts (username, user level, and password) used to access the system, and for configuring Auto Login settings.

Attention

- A maximum of ten persons can be registered for the user account. User information for a new user cannot be registered when there are already 10 users registered.
- A username that is the same as an already registered user account cannot be registered.
- · It is necessary to register at least one user with a user level of "ADMIN".

Note

• User levels include "LIVE", "CAMERA CONTROL", and "ADMIN". The operable range of this product differs by each level.

($\sqrt{}$: Operable, -: Inoperable)

Operation Level	Menu display	Layout change	Page change	Login operation	System settings
LIVE	\checkmark	\checkmark	\checkmark	\checkmark	-
CAMERA CONTROL	\checkmark	\checkmark	\checkmark	\checkmark	-
ADMIN	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark

• The default settings of the user account are as follows.

- Username: "admin"
- Password: "admin"
- User Level: "ADMIN"

6-1. Registering the User Account

1. Select "Local User" of "User".

The "Local User" screen is displayed.

🔶 EIZO	(OI31194)P	
Basic Information		
Basic Information		
System Settings	User Settings	
Camera Registration	User List	
Camera Function Settings	Username User Level	
Display	admin ADMIN	
System		
User	Add Change Delete	
Troubleshooting	Auto Login Settings	
Live Image Screen Settings	AutoLoria Off	
Live Image Screen	Autorogin	
	Apply	
	Copyright (c) 2018 EIZO Corporation. All rights reserved.	

2. Select "Add".

A dialog box for setting the user account is displayed.

		×
Username		
User Level		
Password		
Confirm Password		
	Your username must satisfy the following conditions: • 1-16 characters • Contain alphanumeric characters only • May not contain the following characters: # & : " <> \	
	Your password must satisfy the following conditions: • 8-16 characters • At least one number • At least one upper case and one lower case letter • Contain no \ characters	
	ОКС	ancel

3. Set the user account.

Item	Description			
Username	Enter a username.			
	The username must satisfy the following conditions.			
	8-16 characters			
	 Contain alphanumeric characters only 			
	 May not contain the following characters: # & : " < > \ 			
User Level	Select "LIVE", "CAMERA CONTROL", and "ADMIN".			
	The operable range of this product differs by each level.			
Password	Specify the password.			
	The password must satisfy the following conditions.			
	8-16 characters			
	At least one number			
At least one upper case and one lower case letter				
	Contain no \ characters			
Confirm Password	Enter the same password again for confirmation.			

4. Select "OK".

The setting complete screen is displayed.

6-2. Changing the User Account

Attention

• This function cannot be used if "LDAP" is selected in "User Account". For details, refer to "6-5. Performing LDAP Settings" (page 73).

1. Select "Local User" of "User".

The "Local User" screen is displayed.

	F013116-P				
Basic Information	Γ	Local User LDAP			
Basic Information	L				
System Settings		User Settings			
Camera Registration		User List			
Camera Function Settings		Username		User Level	
Display		 admin 		ADMIN	
System	1				
User		Add	Change	Delete	
Troubleshooting		Auto Login Settings			
Live Image Screen Settings			0#	-	
Live Image Screen		Auto Login	UI		
			Apply		
		Сору	right (c) 2018 EIZO Corporation. All rights res	erved.	

2. Select a user to be changed from "User List".

3. Select "Change".

A dialog box for entering the user information is displayed.

		×
	admin	
	ADMIN -	
Password		
Confirm Password		
	Your username must satisfy the following conditions: • 1-16 characters • Contain alphanumeric characters only • May not contain the following characters: # &: " <> \	
	Your password must satisfy the following conditions: • 8-J6 characters • At least one number • At least one upper case and one lower case letter • Contain no \ characters	
	ок	Cancel

4. Change the user information.

5. Select "OK".

The setting complete screen is displayed.

6-3. Deleting the User Account

Attention

• This function cannot be used if "LDAP" is selected in "User Account". For details, refer to "6-5. Performing LDAP Settings" (page 73).

1. Select "Local User" of "User".

The "Local User" screen is displayed.

EIZO	F0131064P				
Basic Information		Local User LDAP			
Basic Information	L				
System Settings		User Settings			
Camera Registration		User List			
Camera Function Settings		Userna	me	User Level	
Display		• admin		ADMIN	
System					
User		Add	Change	Delete	
Troubleshooting		Auto Login Setting			
Live Image Screen Settings					
Live Image Screen		Auto Logi	Off	÷	
			Apply		
			pyright (c) 2018 EIZO Corporation. All rights re-	served.	

2. Select a user to be deleted from "User List".

3. Select "Delete".

The "Are you sure you want to delete user XXX?" confirmation dialog box is displayed.

4. Select "OK".

When not deleting, select "Cancel". The "Setting Complete" dialog box is displayed.

6-4. Configuring Auto Login Settings

Attention

- This function cannot be used if "LDAP" is selected in "User Account". For details, refer to "6-5. Performing LDAP Settings" (page 73).
- Once the Auto Login settings are configured, unauthorized operation becomes easy for a malicious third party.
- Restrict the configuration to the application in an environment where sufficient security is ensured.

1. Select "Local User" of "User".

The "Local User" screen is displayed.

🔶 EIZO	FORSTLINEP				
Basic Information		Local User LDAP			
Basic Information					
System Settings		User Settings			
Camera Registration		User List			
Camera Function Settings		Use	ername	User Level	
Display		• adn	nin	ADMIN	
System	1				
User		Add	Change	Delete	
Troubleshooting		Auto Login Setti	ings		
Live Image Screen Settings			-		
Live Image Screen		Auto L		·	
			Apply		
			Copyright (c) 2018 EIZO Corporation. All rights res	erved.	

2. Select a user to allow an Auto Login from the "Auto Login" list box.

3. Select "Apply".

The setting complete screen is displayed.
6-5. Performing LDAP Settings

It is possible to log in to this product using a user account on the LDAP server when using direct service (LDAP) in User Management.

Attention

- This function can only be used when the software edition is "Enterprise". For information on software editions, refer to "3-10. Performing License Activation" (page 25).
- If "User Account" is set to "LDAP", it is not possible to login as a local user.
- Access via web browser is only possible when the user level of the account is ADMIN.
- It is not possible to login to this product if the LDAP settings are incorrect. For this reason, perform a login test
 to confirm that it is possible to login with a user account with the ADMIN user level before applying the LDAP
 settings.

1. Select "LDAP" of "User".

The "LDAP" screen is displayed.

EIZO	Duardisium (D/0111)() (P	
Basic Information		
Basic Information		
System Settings	licer Account	
Camera Registration		
Camera Function Settings	Type LDAP -	
Display	 Allow choosing of account type on the login dialog. 	
System		
User	LUAP	
Troubleshooting	Server Address	
Live Image Screen Settings	Port 389	
Live Image Screen	Base DN	
	Bind DN	
	Divert Deserved	
	BIND Password	
	Username Attribute	
	SSL 🔳	
	Certificate Validation	
	Search Filter Settings	
	ADMIN User Filter	
	CAMERA CONTROL User	
	Hiter	
	LIVE User Filter	

2. Select "LDAP" from "Type" of "User Account".

Note

• Checking "Allow choosing of account type on the login dialog." enables selecting account type when logging into the product main unit.

3. Perform LDAP settings.

LDAP

Item	Detail	Setting range
Server Address	Enter the IP address or host name of the LDAP server.	Alphanumerics and symbols
		(up to 255 characters)
Port	Enter the port number.	1 to 65535 ^{*1}
Base DN	Enter the identification name of the branch to search.	Alphanumerics and symbols
	Ex: ou=ldap,dc=example,dc=com	(up to 255 characters)
Bind DN	Enter the username that has access rights to Base DN.	Alphanumerics and symbols
	Ex: cn=binduser,ou=ldap,dc=example,dc=com	(up to 255 characters)
Bind Password	Enter the Bind DN password.	Alphanumerics and symbols
		(up to 255 characters)
Username Attribute	Enter the attributes of the user account to login.	Alphanumerics and symbols
	Ex: cn	(up to 255 characters)
SSL	Insert a check when performing SSL communication	
	(LDAPS).	
Certificate	Insert a check when performing certificate validation.	
Validation	Attention	
	 When performing certificate validation, it is necessary for 	
	the root certificate of the LDAP server to be registered in	
	"Root Certificate" of "Certificate" of this product.	

*1 389 is the standard port number for LDAP, and 636 is the standard port number for LDAPS.

Search Filter Settings

Item	Detail	Setting range
ADMIN User Filter	Set the filter of the user that has ADMIN access rights.	Alphanumerics and symbols
	Example:	(up to 255 characters)
	(memberOf=cn=admin,ou=ldap,dc=example,dc=com)	
CAMERA	To enable camera control access rights, enter a check to	
CONTROL User	set the filter.	
Filter		
LIVE User Filter	To enable LIVE access rights, enter a check to set the	
	filter.	

4. Perform "Login Test".

Enter "Username" and "Password", and select "Test". Login is executed.

5. Select "Apply".

Chapter 7 Troubleshooting

7-1. Imaging Problems

Duckless	Describle second and second at
Problem	Possible cause and remedy
1. The screen is not displayed	 Turned on the main power.
 Power indicator is not turned on 	 Is the power correctly connected? Connect the power
	cord.
 Power indicator is on: red 	 Press () on the front of the product.
2. The display images are not smooth / camera	Reduce the resolution and/or bit rate set for the network
images are not displayed	camera.
	(Refer to "4-8. Setting Quality of Transmission Video
	Images" (page 51).)
	Check whether the used hubs and network cables are
	appropriate for handling the amount of information
	transmitted.
	 Move to the setting screen and return to the live image
	screen.
3. The camera images are not displayed properly	 When the main power is turned off and immediately
on the live image screen about 30 seconds after	back on, images may not be displayed properly for the
turning the power off by pushing $igcup$ on the main	first few minutes.
unit of the product.	After several minutes, the screen returns to a normal
	display.
4. The time of the network camera and the time of	 On the setting screen, adjust the time of the network
the system do not match (when a camera images	camera to match the time of this product.
are being displayed)	(Refer to "4-7. Setting Network Camera Time" (page
	50).)

Problem	Possible cause and remedy
5. An error message "E**-**" is displayed on the	 When Communication failed ("E01-**")
camera image display area	- A number of devices exceeding the allowable number
	of devices for simultaneous connection may be
	connected to the network camera.
	Disconnect other network devices accessing the
	camera or reduce the resolution of the camera.
	(Refer to "4-8. Setting Quality of Transmission Video
	Images" (page 51).)
	 When Communication failed ("E02-**")
	- Check whether a network cable is connected properly.
	- Check whether the network camera is turned on.
	- Check whether the username and password for the
	camera are set correctly in the system.
	- Isn't there an IP address conflict among the monitor
	and network cameras?
	- If "Certificate Validation" is enabled, is the certificate
	expiration date correct? (Refer to "3-12. Performing
	Certificate Settings" (page 29).)
	 When Communication failed ("E03-**")
	- Network bandwidth may be overwhelmed or the
	display capability of this product may have been
	exceeded.
	Reduce the resolution and/or bit rate set for the
	Defer to #4.9. Cetting Quelity of Transmission Video
	(Refer to 4-6. Setting Quality of transmission video
	Mon in Incompatible resolution ("E04 **")
	- A resolution which is incompatible with this product
	may be set
	Try changing the resolution of the network camera
	When Compression format is mismatched ("E05-**")
	- The streaming format from the network camera may
	be different from that of this product.
	Check the settings of the camera and this product and
	then restart this product.
	When Unapproved parameters ("E06-**")
	- The Multicast setting value may not be set correctly.
	Check the settings of the camera.
	 If it is a network connection error (E07-**):
	- This product may not be connected to the network,
	possibly LAN cable is not connected. Check the
	network connection.

7-2. Setting Problems

Problem	Possible cause and remedy
1. Cannot log in	 Enter the user name and password again.
	 Reset the account information using the Reset button
	and log in as the default setting account. (See "Setup
	Manual")
2. Only one camera is recognized when using a	Manually register the number of channels that will be
video encoder that supports multiple channels	Used. (Refer to "4.2. Registering a Network Compre Manually"
	(Refer to 4-2. Registering a Network Camera Manually
3. A communication error message is displayed	There may be a problem with network camera
when "Apply" is selected for network camera	communication.
manual registration	Check the network connection status and camera
	registration details.
4. Cannot register a new user	Duplicate user names cannot be registered.
	 Only up to 10 users can be registered.
	Check whether 10 users have already been registered.
	(Refer to "Chapter 6 Management of the User Account"
	(page 68).)
5. Cannot delete a user	• There must be at least one user with a level of "ADMIN".
	A user cannot be deleted if the user is the only one
	Check the registered user information
	(Refer to "Chapter 6 Management of the User Account"
	(page 68).)
6. Cannot communicate with the camera	Check the settings of the network camera and the
	system.
	For details, contact the system administrator.
7. The set date and time are not displayed correctly	 If the system is not connected to the power supply
	for one week or longer, the date and time will not be
	displayed correctly.
	In such a case, set the date and time again.
	(Refer to "3-3. Setting the Current Date and Time" (page
9 Web broweer coreen connet be displayed	15).)
o. web browser screen cannot be displayed.	on the same network. Connecting multiple units of this
	product to the same network without changing their
	default values will result in an IP address conflict
	For information on network settings, refer to "3-1.
	Performing Network Settings" (page 11)

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List of Functions

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*1 Only available for use if the edition is Enterprise.*2 This can be used only when displayed on the web browser.

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