

Setup Manual

DuraVision[®] DX0211-IP

IP Decoding Box
Software Version 5.1

Important

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

Please retain this manual for future reference.

• For the latest product information including the "Setup Manual", refer to our web site:

www.eizoglobal.com

SAFETY SYMBOLS

This manual and this product use the safety symbols below. They denote critical information. Please read them carefully.

	WARNING		CAUTION
\wedge	Failure to abide by the information in a	\wedge	Failure to abide by the information in a
	WARNING may result in serious injury	<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	CAUTION may result in moderate injury
	and can be life threatening.		and/or property or product damage.
\triangle	Indicates a warning or caution. For example, 🛕 indicates an "electrical shock" hazard.		
	Indicates a prohibited action. For example, \(\mathbb{N} \) means "Do not disassemble".		
\bigcirc	Indicates a mandatory action. For example, means "Ground the unit".		

Related Manuals

Setup Manual (this manual)	Describes precautions and procedures for connecting network cameras and for displaying camera images on the monitor. (Installation and initialization guidance)
Installation Manual [™]	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 "DX0211-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.

No part of this manual may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, or otherwise, without the prior written permission of EIZO Corporation.

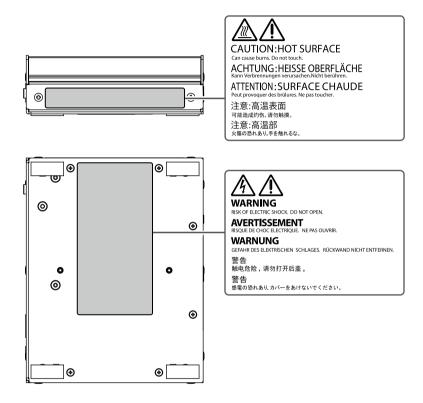
EIZO Corporation is under no obligation to hold any submitted material or information confidential unless prior arrangements are made pursuant to EIZO Corporation's receipt of said information. Although every effort has been made to ensure that this manual provides up-to-date information, please note that EIZO monitor specifications are subject to change without notice.

PRECAUTIONS

IMPORTANT

To ensure personal safety and proper maintenance, please read carefully this section and the caution statements on the monitor.

Location of the Caution Statements



MARNING

If the unit begins to emit smoke, smells like something is burning, or makes strange noises, disconnect all power connections immediately and contact your local EIZO representative for advice.

Attempting to use a malfunctioning unit may result in fire, electric shock, or equipment damage.

Do not disassemble or modify the product.

Touching the internal components may result in electrical shock or burn, as this product contains internal components that may have high voltage or high temperature. Also, modifying the product may result in fire or electrical shock.



Refer all servicing to qualified service personnel.

Do not attempt to service this product yourself as opening or removing covers may result in fire, electric shock, or equipment damage.

Keep small objects or liquids away from the unit.

Small objects accidentally falling through the ventilation slots into the cabinet or spillage into the cabinet may result in fire, electric shock, or equipment damage. If an object or liquid falls/ spills into the cabinet, unplug the unit immediately. Have the unit checked by a qualified service engineer before using it again



Place the unit at the strong and stable place.

A unit placed on an inadequate surface may fall and result in injury or equipment damage. If the unit falls, disconnect the power immediately and ask your local EIZO representative for advice. Do not continue using a damaged unit. Using a damaged unit may result in fire or electric shock.

Use the unit in an appropriate location.

Not doing so may result in fire, electric shock, or equipment damage.

- Do not place outdoors.
- Do not place in a transportation system (ship, aircraft, train, automobile, etc.) where it may be affected by strong vibration or shock.
- Do not place in a dusty or humid environment.
- Do not place in environments with corrosive gases (such as sulfur dioxide, hydrogen sulfide, nitrogen dioxide, chlorine, ammonia, and ozone).
- Do not place in environments with dust, components that accelerate corrosion in the atmosphere (such as sodium chloride and sulfur), conductive metals, and so on.



- Do not place in a location where water is splashed on the screen (bathroom, kitchen, etc.).
- Do not place in a location where the steam comes directly on the screen.
- Do not place near heat generating devices or a humidifier.
- Do not place in a location where the product is subject to direct sunlight.
- Do not place in an inflammable gas environment.

To avoid danger of suffocation, keep the plastic packing bags away from babies and children.



When using an AC adapter, use the AC adapter (DVAC-01) specified by our company.

Using other AC adapters may result in fire or electrical shock.

The DVAC-01 is not provided with a power cord. Prepare a power cord that complies with the standards of the country or region where this product is used.

- Europe: Ratings: 250 VAC, 10 A; Cord type: H05VV-F, GTCE-3, 0.75 mm²
- USA: Ratings: 125 VAC, 10 A; Cord type: SVT, 3/18AWG (0.75 mm²)

The AC adapter must be connected to a grounded main outlet.

Failure to do so may result in fire or electric shock.



Use the correct voltage.

- The unit is designed for use with a specific voltage only. Connection to another voltage than specified in this User's Manual may cause fire, electric shock, or equipment damage.
- Do not overload your power circuit, as this may result in fire or electric shock.

Handle the power cord with care.

- Do not place the cord underneath the unit or other heavy objects.
- Do not pull on or tie the cord.

If the power cord becomes damaged, stop using it. Use of a damaged cord may result in fire or electric shock.



When disconnecting the power cord, pull the plug.

Pulling the cord section may damage it (exposure of the core wire, breaking, etc.) and may result in fire or electrical shock.



OK



Never touch the plug and power cord if it begins to thunder.

Touching them may result in electric shock.



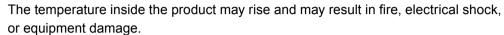
A CAUTION

Handle with care when carrying the unit.

Disconnect the power cord and cables when moving the unit. Moving the unit with the cord attached is dangerous. It may result in injury.

Do not put any object on the product.

- Do not put any object on or around the product.
- Do not place the product in a poorly-ventilated or narrow place.
- Do not use the product laid down on its side or upside down.





Do not touch the plug or AC adapter with wet hands.

Doing so may result in electrical shock.



Use an easily accessible power outlet.

This will ensure that you can disconnect the power quickly in case of a problem.

Be careful with the AC adapter because it becomes hot when used.

Do not put any objects on the AC adapter or cover the adapter. Also, do not put
the AC adapter on carpet or bedding where heat tends to accumulate. Keep the
AC adapter away from heat sources such as portable heaters or direct sunlight.
Failure to do so may result in fire.



- Do not touch the product with bare hands. Doing so may result in burns.
- When moving the product, be sure to turn off the power switch, unplug the power plug from the outlet, and sufficiently cool down the product before moving.

Do not use the AC adapter hung dangling in the air.

Using the AC adapter hung dangling in the air may result in fire or electrical shock.



Periodically clean the area around the plug.

Dust, water, or oil on the plug may result in fire.

When cleaning the product, shut down the power input.

Cleaning the unit while it is plugged into a power outlet may result in electric shock.

Notice for this product

About the Usage of This Product

This product is a device that outputs video images from network cameras to a monitor connected using HDMI cable.

When using the product in an application where extremely high reliability and safety are required as mentioned below, take measures to secure safety before using it.

- Transportation equipment (vessels, aircraft, trains, automobiles, etc.)
- Various safety devices such as disaster prevention devices and crime prevention devices
- Equipment and instruments that are directly associated with human life (medical instruments such as life support systems or the equipment used in the operating room)
- Nuclear control devices (nuclear control systems, safety protection systems used at nuclear power facilities, etc.)
- Main communication equipment (operation control systems for transportation systems, air traffic control systems, etc.)

This product may not be covered by warranty for uses other than those described in this manual.

The specifications noted in this manual are only applicable when the following are used:

- · Power cords provided with the product
- · Signal cables specified by us

Only use optional products manufactured or specified by us with this product.

About the Installation

When the monitor is cold and brought into a room or the room temperature goes up quickly, dew condensation may occur on the interior and exterior surfaces of the monitor. In that case, do not turn the monitor on. Instead wait until the dew condensation disappears, otherwise it may cause some damage to the monitor.

Install this product on a stable surface such as a desk with its flat surface as the bottom in a horizontal orientation.

This product can be mounted on the monitor by using a special mounting bracket (separately sold option). The mounting bracket can be purchased from our web site. www.eizoglobal.com

With respect to the installation orientation when the mounting bracket is used, refer to the instruction sheet of the mounting bracket.

If this product is placed on a lacquer-finished desk, the color may adhere to the bottom of the product due to the composition of the rubber.

Disclaimer

Our company shall bear no responsibility for any damage (including lost profits, etc.) incurred directly or indirectly by using this product or by malfunctions, etc. (including, but not limited to, those caused by the following).

- 1. Misuse or carelessness by the customer
- 2. Disassembly, repair, or modification by the customer
- 3. Inability to display images due to some reason or cause including malfunction or failure of this product
- 4. Use of the product in combination with a third-party device
- Occurrence of an event such as infringement of privacy due to some cause with respect to the images monitored by the customer
- 6. Loss of registered or recorded information due to some cause

While this product displays camera surveillance images, the use of this product alone does not directly prevent crime.

Network Security Request

Because this product is used by connecting to networks, the following risks apply

- 1. Leakage of information through this product.
- 2. Unauthorized operation of this product by a malicious third party.
- 3. Interference or suspension of the use of this product by a malicious third party.

In order to prevent the above described damage, it is the user's responsibility to implement adequate network security measures including the measures described below.

- Use this product with a safety-ensured network by using a firewall or other network security systems.
- Change the administrator password periodically.

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Recycling Information /
Informationen zum Thema Recycling /
Informations sur le recyclage /
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Package Contents

Check that all of the following parts are included. If any of these are missing or damaged, contact your dealer or local EIZO representative.

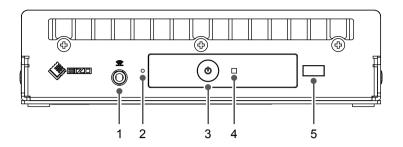
- DX0211-IP (this product)
- HH050HS HDMI cable (HDMI - HDMI)
- · Setup Manual (this manual)
- · Contact Addresses

Note

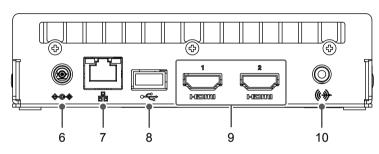
• It is recommended that the packing box and materials be kept for future usage such as for moving or transporting the product.

Controls and Functions

Front



Rear

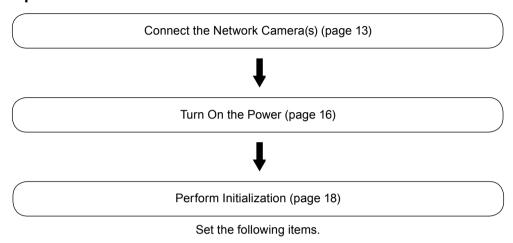


Names)etails	
1. Connection terminal				
for the remote control	Cannot be used.			
light reception unit				
2. Reset button	Resets the sett	ings.		
3. 也 button	Turns the power	er on or off.		
	Indicates the p	roduct's operating	g status.	
	Blue	Normal operatir	ng mode	
4. Power indicator	Flashing blue	Starting up		
	Red	Power off		
	OFF	Power not conn	ected	
5. Remote control light	Cannot be use	d		
reception section	Cannot be used.			
6. DC input	Connects the A	C adapter.		
	Connects the n	etwork cable. Inp	outs power	when connected to a
	network hub that supports PoE+.			
		a) Status LED	Orange	Power is being supplied
				through the PoE+.
			Flashing	Transmitting data
7 41 201			orange	Transmitting data
7. LAN port	a b	h) Link LED	OFF	Power is being supplied
	F-41			through the AC adapter.
			Green	Network connection
				established
			OFF	Network connection not
				established
8. USB downstream port	Connects the USB mouse, USB hub, or USB keyboard.			
9. HDMI connector	Connects to monitors that support HDMI.			
9. HOWI Connector	Connect to the HDMI 1 port. The HDMI 2 port cannot be used.			
10. Audio output	Cannot be used.			

Setup

Set up the system until network camera images are displayed on the monitor. This product can also be operated or set using a USB mouse or USB keyboard. For details, refer to the pages shown below.

Setup Flow



- Date and time
- · Network information
- · Registration of network cameras
- · Camera image display positions

This completes the setup procedure.

Attention

• The language used in menus and messages displayed when the system is started differs according to the sales region.

Note

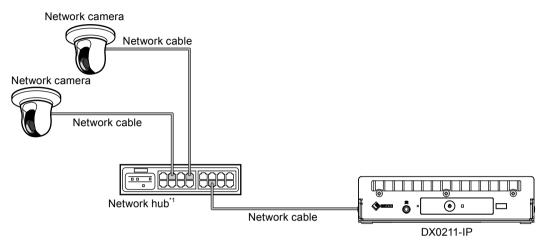
• Initial settings can be made from the Web browser of a computer connected to the same network. For details on setting from a Web browser, refer to the "Installation Manual".

Connect the Network Camera(s)

Connecting the Network Cameras

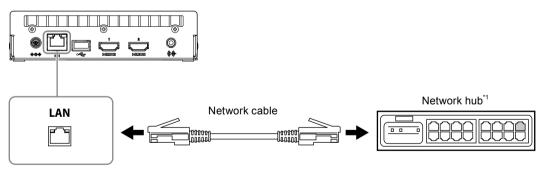
Connect the network cameras to this product according to the following procedure.

Connection example



*1 Use a network hub that supports PoE+. If the hub does not support the PoE+ standard, network cameras and DX0211-IP must be individually connected to the power supply.

1. Connect the network cable to this product and to the LAN port of the network hub.



*1 Use a network hub that supports 1000Base-T and PoE+.

Attention

- Use a straight cable of category 5e or above for the network cable.
- Configure the network in consideration of the communication performances of the various devices.
- Adjust the network camera settings so that the video image resolution reaches the level of resolution that can be input to this product. For the resolution that can be input, refer to "Input resolution" (page 29).

2. Connect the network cameras to the network hub.

For connecting the network cameras and the network hub, refer to the network camera User's Manual.

Note

A maximum of 16 network cameras can be connected.

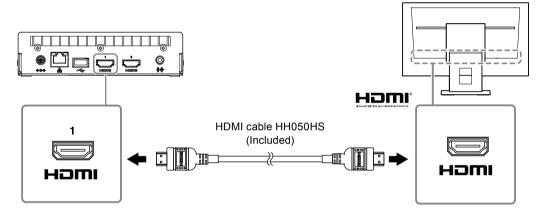
Connecting the Monitor

Connect a monitor that supports HDMI to this product. Connect a monitor that can display at the resolution specified in "Output resolution" (page 30).

Attention

• This product has two HDMI terminals. (HDMI 1 and HDMI 2): The HDMI 2 port cannot be used. Be sure to connect to the HDMI 1 port.

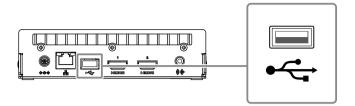
Connection example



Connecting Operating Devices

Connect a USB mouse to operate the product.

1. Connect a USB mouse to the USB downstream port.



Note

• When connected to a device that has a USB hub function, both the USB mouse and USB keyboard can be used.

Connecting an AC Adapter (Separately Sold Option)

Note

- This product supports the PoE+ function. If the connected network hub supports the PoE+ function, power is input from the LAN port. Therefore, there is no need to connect the AC adapter.
- When connected to both the AC adapter and a network hub that supports PoE+, power is supplied from the AC adapter.
- 1. Connect the power cord to the AC adapter.
- 2. Connect the output terminal of the AC adapter to the DC input terminal of this product.
- 3. Connect the power plug to the power outlet.

Attention

- Insert the power cord all the way into the power connector.
- · Do not bundle cables when wiring.

Turning On the Power

1. Press \odot on the front of the product.

The power indicator lights up blue and the live image screen is displayed. For information on how to operate the live image screen, refer to the "Instruction Manual".

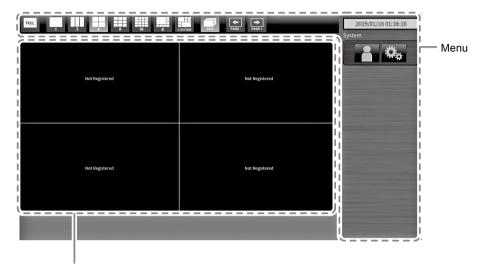


Image display area

Attention

- It takes approximately 30 seconds for the live image screen to be displayed after the power is turned on. Do not turn off the power during startup.
- When no network camera is registered, a "Not Registered" message is displayed in the video image display area.

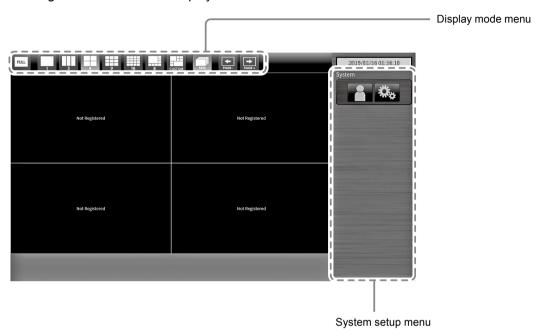
Note

- By default, when power is input, the power indicator automatically flashes blue and the startup process takes place.
- Press (also when turning off the power.

● Live Image Screen

Menu Operations

Each menu can be operated using a USB mouse or USB keyboard. If the menu is not displayed, press any key on the USB keyboard or click on the screen using the USB mouse to display the menu.



Display mode menu

It is possible to change the state of the video image display area. When using a keyboard, press a shortcut key.

Display mode menu	Shortcut key	Details
FULL	F	Displays or hides the menu of the live image screen.
1 3 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L	Changes the display layout of the video images. When using a USB keyboard, each time the shortcut key is pressed, the layout changes as follows: 1 Screen \rightarrow 3 Screens \rightarrow 4 Screens \rightarrow 9 Screens \rightarrow 16 Screens \rightarrow 8 Screens \rightarrow Custom Screen \rightarrow 1 Screen.
SEQ	S	Turns the sequence function (function that switches the pages to be displayed on the video image display area at regular intervals) on or off.
PAGE -	PageDown / PageUp	Switches the pages to be displayed on the video image display area.

System setup menu

The system setup menu is used to log into the user account and to configure the system. For information on how to log in, refer to "Logging In" (page 18). For details on system settings, refer to the "Installation Manual".

Perform Initialization

This section describes settings to display network camera images on the monitor.

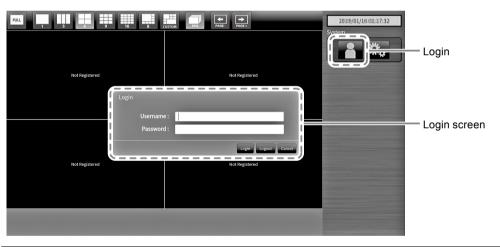
Note

• Initial settings can be made from the Web browser of a computer connected to the same network. For details on setting from a Web browser, refer to the "Installation Manual".

Logging In

1. Select R (Login).

The login screen is displayed.



Note

· Items being selected are highlighted in green.

2. Enter a "Username" and a "Password".

Enter the following username and password.

Username: "admin" Password: "admin"

Note

• The above username and password are the default settings.

Entering characters

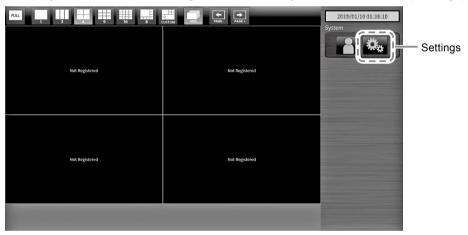
When entering using a USB mouse
 Clicking an item that requires characters to be input, such as a text box, will display a software keyboard. When the focus is moved out of the software keyboard, the software keyboard is hidden.



When entering using a USB keyboard
 Entered characters are displayed in the text box. Move from item to item using the Tab key.

3. Select "Login".

The display returns to the live image screen where you can select (Settings).



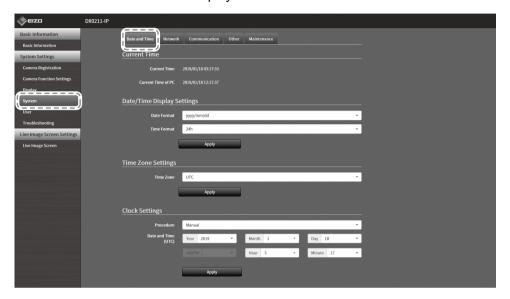
Setting the Date and Time

1. Select . (Settings).

The setting screen is displayed.

2. Select "System" and then "Date and Time".

The "Date and Time" screen is displayed.



3. Set the current date and time.

Date/Time Display Settings

Item	Description	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/
		уууу
Time Format		24h / 12h

Time Zone Setting

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

Clock Settings

Item	Description	Setting range
Procedure*1	Select the time setting procedure.	Manual / Synchronize with PC
Date and Time	Set the current time.	2010/1/1 0:00 to 2035/12/31
		23:55

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

4. Select "Apply".

The setting complete screen is displayed. 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 the monitor will become incorrect. if such a situation occurs, reset the date and time.

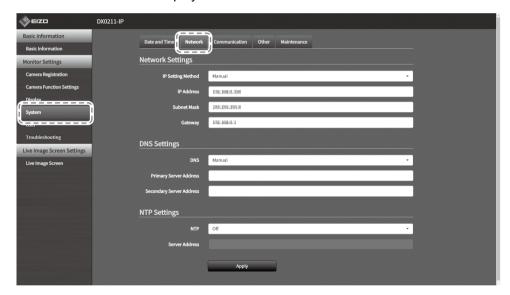
Performing Network Settings

1. Select (Settings).

The setting screen is displayed.

2. Select "System" and then "Network".

The "Network" screen is displayed.



3. Set the following items.

Network Settings

Item	Description	Setting range
IP Setting Method	Select an IP setting method.	DHCP / Manual
IP Address	When "Manual" is selected for "IP Setting Method", set	0.0.0.0 to
Subnet Mask	the IP address, subnet mask, and gateway.	255.255.255.255
Gateway*1		

^{*1} If there is no gateway in the network, there is no need to set "Gateway". Either leave it as default setting or set "0.0.0.0".

DNS Settings

Item	Description	Setting range
DNS	Set DNS only when "Manual" is selected for "IP Setting	Auto / Manual
	Method" under "Network Settings".	
Primary Server	When "Manual" is selected for "DNS", set the Primary	0.0.0.0 to
Address	Server Address and Secondary Server Address.	255.255.255.255
Secondary Server		
Address		

NTP Settings

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

For entering methods, refer to "Entering characters" (page 19).

4. Select "Apply".

The setting complete screen is displayed.

5. Select "OK".

Registering Cameras

1. Start network cameras.

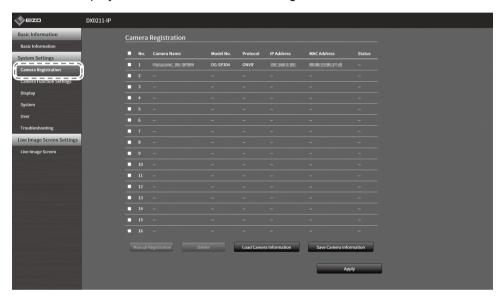
For setting the network cameras, refer to the network camera User's Manual.

2. Select (Settings).

The setting screen is displayed.

3. Select "Camera Registration".

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



4. 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.

5. Select "Manual Registration".

The "Camera Information Settings" dialog box is displayed.

6. Set each item and select "OK".



Item	Description	Setting range
Camera Name*1	Enter the camera name. If "Obtain Camera Name"	Alphanumeric (Up to 24
	is selected, the camera name is automatically	characters)
	obtained from the network camera side.	
	Network camera with "Protocol" set to	
	"ONVIF": Camera model number or	
	camera manufacturer's name.	
IP Address	Enter the IP address of the network camera.	0.0.0.0 to 255.255.255.255
Port	Enter the port number of the network camera.	1 to 65535 ^{*2}
Protocol	Select the protocol to control cameras.	ONVIF / DirectUri
Username*3	Enter the username to be used to access the	Alphanumerics and symbols
	network camera.	(Up to 32 characters)
Password*3	Enter the password to be used to access the	Alphanumerics and symbols
	network camera.	(Up to 32 characters)
Media Profile*4	Select the ONVIF image profile.	EIZO_Profile / Profile of
	If "Obtain Profile" is selected, the profile is	each camera
	automatically obtained from the network	
	camera side.	
Transmission Mode*4	Select the mode for transmitting camera images.	Unicast / Multicast
URI ^{*5}	Set the URI that starts with rtsp:// or rtp://.	Alphanumerics
		(Up to 255 characters)
Comm. Method	Select the communication method for camera	RTP over UDP ^{*6} / RTP over
	video images.	RTSP

- *1 This can be obtained only when "IP Address", "Port", "Username", and "Password" are entered properly.
- *2 When "Protocol" is set to "DirectUri" and "URI" starts with rtp://, the setting range will be 1024 to 65534.
- *3 Enter the username and password of the user who has the administrator's rights.
- *4 This can be set only when "Protocol" is set to "ONVIF".
- *5 This can be set only when "Protocol" is set to "DirectUri".
- *6 Only "RTP over UDP" can be set in the following cases.
- When "Protocol" is set to "ONVIF" and "Transmission Mode" is set to "Multicast"
- When "Protocol" is set to "DirectUri" and "URI" starts with rtp://

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

7. Select "Apply".

A confirmation message is displayed.

8. Select "OK".

Note

• If unable to obtain information by selecting "Obtain Camera Name" or "Obtain Profile", the following message is displayed. Check the settings again.



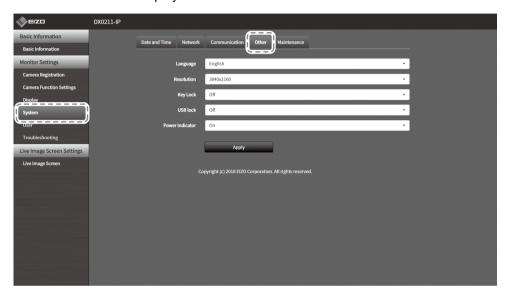
Setting the Language

1. Select . (Settings).

The setting screen is displayed.

2. Select "System" and then "Other".

The "Other" screen is displayed.



- 3. Select a language from the "Language" list box.
- 4. Select "Apply".

The setting complete screen is displayed.

5. Select "OK".

Reference

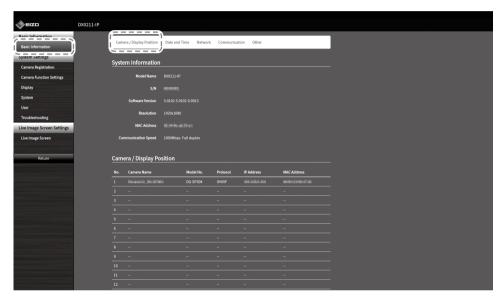
Confirming the Software Version

1. Select . (Settings).

The setting screen is displayed.

2. Select "Basic Information".

The current software version is displayed in the system information.



Specifications

LAN	Standard	IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-TX)	
	Communication speed	1000 Mbps, 100 Mbps	
Input signal (network)	Terminal	RJ-45	
	Video compression format	H.264, MJPEG	
	Maximum resolution	H.264	3840 × 2160
		MJPEG	640 × 480
	Number of displayed network cameras	Max. 16 units	
Output signal (HDMI)	Output terminal	HDMI	
	Transmission system	TMDS (Single Link)	
USB	Port	Downstream port x 1	
	Standard	Compliant with USB Specification Revision 2.0	
	Communication speed	480 Mbps (high speed), 12 Mbps (full speed), 1.5 Mbps (low speed)	
	Power supply	Max. 500 mA	
Power supply	Power supply input	12 VDC ±10 %, 2.0 A (DC input), IEEE 802.3at class 4 (PoE+ input)	
	Maximum power consumption	21.5 W or less (DC input), 25.5 W or less (PoE+ input)	
Physical specifications	Outside dimensions	165 mm × 44.2 mm × 130 mm (W × H × D)	
	Net weight	Approx. 770 g	
Operating environmental	Temperature	0 °C to 40 °C (32 °F to 104 °F)	
specifications	Humidity	20 % to 80 % R.H. (no condensation)	
	Air pressure	540 hPa to 1060 hPa	
Transportation /	ration / Temperature -20 °C to 60 °C (-4 °F to 140 °F)		140 °F)
storage environmental specifications	Humidity	10 % to 90 % R.H. (no condensation)	
	Air pressure	200 hPa to 1060 hPa	

Compatible Resolution

Input resolution

This product supports the following resolutions of video images that can be displayed on the same screen.

H.264 (when "Bit rate" is set to "4096 kbps")

The resolution of monitor: 1920 x 1080, 60 Hz

1-screen display	3640 × 2160 / 30 fps, 1920 × 1080 / 60 fps, 1280 × 720 / 60 fps
4-screen display	3640 × 2160 / 20 fps, 1920 × 1080 / 60 fps, 1280 × 720 / 60 fps
9-screen display	1920 × 1080 / 30 fps, 1280 × 720 / 50 fps, 640 × 480 / 60 fps
12-screen display	1920 × 1080 / 20 fps, 1280 × 720 / 40 fps, 640 × 480 / 60 fps
16-screen display	1920 × 1080 / 20 fps, 1280 × 720 / 30 fps, 640 × 480 / 50 fps

The resolution of monitor: 3840 x 2160, 60 Hz

1-screen display	3640 × 2160 / 30 fps, 1920 × 1080 / 30 fps, 1280 × 720 / 30 fps
4-screen display	3640 × 2160 / 20 fps, 1920 × 1080 / 30 fps, 1280 × 720 / 30 fps
9-screen display	1920 × 1080 / 25 fps, 1280 × 720 / 30 fps, 640 × 480 / 30 fps
12-screen display	1920 × 1080 / 20 fps, 1280 × 720 / 25 fps, 640 × 480 / 30 fps
16-screen display	1920 × 1080 / 20 fps, 1280 × 720 / 25 fps, 640 × 480 / 30 fps

MJPEG

 $640 \times 480 / 30 \text{ fps}$

Attention

The values above are provided for reference purposes. Video images are not displayed properly
when display capability is exceeded because of network camera settings, network installation
environment, or other reasons. If video images are not displayed properly, reduce the network
camera resolution and the bit rate. Set the network cameras according to the User's Manual of
the camera used.

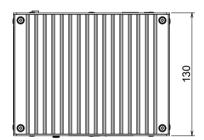
Output resolution

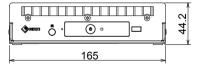
The output resolutions from this product to the monitor are as follows.

Resolution	Vertical scan frequency [Hz]	Dot clock [MHz]
1920 × 1080	60	
1920 × 1080	59.94	
1920 × 1080	50	
2560 × 1440	59.951	
3840 × 2160	60	504.0 (may)
3840 × 2160	59.94	594.0 (max.)
3840 × 2160	50	
3840 × 2160	30	
3840 × 2160	29.97	
3840 × 2160	25	

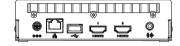
Outline Dimensions

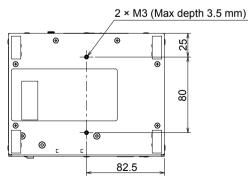
Unit: mm











Troubleshooting

No Picture

Problem	Possible cause and remedy
1. No picturePower indicator does not light.	 Check whether the power supply is connected properly. Connect to the AC adapter or to a network hub that supports PoE+. Check whether the power cord of the AC adapter or the network hub is correctly connected.
Power indicator is lighting red.	• Press () on the front of the product.
Power indicator is flashing red.	Connect to a network hub that supports PoE+ or to the AC adapter (separately sold option).
Power indicator is lighting blue.	 Check whether this product and the monitor are correctly connected using the HDMI cable. Connect to the HDMI 1 port, not the HDMI 2 port. Pull out the HDMI cable and connect it again. Check whether the input signal on the monitor is set to HDMI. Confirm that the monitor settings are correct. For details on the settings, refer to the User's Manual of the monitor.

Imaging Problems

Problem	Possible cause and remedy
The display images are not smooth / camera images are not displayed	 Reduce the resolution and / or bit rate set for the network camera. (For details, refer to the "Installation Manual".) 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.
2. The camera images are not displayed properly on the live image screen for approximately 30 seconds after the power is supplied to this product.	 If the main power supply is turned on right after it is turned off, images may not be displayed properly for the first several minutes. After several minutes, the screen returns to a normal display.
The time of the network camera and the time of this product do not match	 On the setting screen, adjust the time of the network camera to match the time of this product. (For details, refer to the "Installation Manual".)
An error message "E**-**" is displayed at the camera image display area	 When Communication failed (E01-**) 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. (For details, refer to the "Installation Manual".) When Communication failed (E02-**) Check whether a network cable is connected properly. Check whether the network camera is turned on. Check whether the user name and password for the camera are set correctly. 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 network camera. (For details, refer to the "Installation Manual".) When in Unsupport resolution (E04-**) A resolution with which this product is not compatible may be set. Try changing the resolution of the network camera. When Compression no match (E05-**) The format of streaming delivered from the network camera may be different. Check the settings of the camera and monitor, then restart the monitor. When Unapproved parameter (E06-**) The Multicast setting may not be set correctly. Check the settings of the camera.

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.
Only one camera is recognized when using a video encoder that supports multiple channels	Manually register the number of channels that will be used. (For details, refer to the "Installation Manual".)
A communication error message is displayed when "Apply" is selected for network camera manual registration	 There may be a problem with network camera communication. Check the network connection status and camera registration details.
4. Cannot register a new user	 Duplicate usernames cannot be registered. Only up to 10 users can be registered. Check whether 10 users have already been registered. (For details, refer to the "Installation Manual".)
5. Cannot delete a user	 If only one user is registered as the "ADMIN" user level, it cannot be deleted. At least one user is required as the "ADMIN" user. Check the registered user information. (For details, refer to the "Installation Manual".)
6. Cannot communicate with the camera	 Check the settings of the network camera and the monitor system. For details, contact your system administrator.
7. The 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. (For details, refer to the "Installation Manual".)

Other Problems

Problem	Possible cause and remedy
The mouse / keyboard does not work	Check whether the USB cable is connected properly.Pull out the USB cable and connect it again.
2. The mouse / keyboard responses lag	Reduce the resolution and / or bit rate set for the network camera. (For details, refer to the user's manual of the network camera used or the Installation Manual of this product.)
The network camera display position cannot be changed	 The user level authorized to operate the camera is "ADMIN". (For details, refer to the "Installation Manual".) Network camera is inoperable during sequential display. (For details, refer to the "Installation Manual".)
4. Restarts all of a sudden	When the temperature inside the product rises high, this product may restart repeatedly. Check the temperature around this product. The internal temperature may rise high when the product is used in a narrow or poorly ventilated place or when the product is used with an object placed on top of it.

Appendix

Warning for Radio Interference

For U.S.A, Canada Only

FCC Supplier's Declaration of Conformity

We, the Responsible Party EIZO Inc.

5710 Warland Drive, Cypress, CA 90630

Phone: (562) 431-5011

declare that the product Trade name: EIZO

Model: DuraVision DX0211-IP

is in conformity with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING!

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will required to correct the interference at his own expense.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note

Use the attached specified cable below or EIZO signal cable with this monitor so as to keep interference within the limits of a Class A digital device.

- AC Adapter
- Shielded Signal Cable (enclosed)

Canadian Notice

This Class A information technology equipment complies with Canadian ICES-003. Cet équipement informatique de classe A est conforme à la norme NMB-003 du Canada.

For Europe, Australia, New Zealand, etc Only

Warning

Operation of this equipment in a residential environment could cause radio interference.

Warnung

Der Betrieb dieses Geräts in einer Wohnumgebung konnte Funkstörungen verursachen.

Avertissement

L'utilisation de cet équipement dans une zone résidentielle pourrait provoquer des interférences radio.

LIMITED WARRANTY

EIZO Corporation (hereinafter referred to as "EIZO") and distributors authorized by EIZO (hereinafter referred to as the "Distributors") warrant, subject to and in accordance with the terms of this limited warranty (hereinafter referred to as the "Warranty"), to the original purchaser (hereinafter referred to as the "Original Purchaser") who purchased the product specified in this document (hereinafter referred to as the "Product") from EIZO or Distributors, that EIZO and Distributors shall, at their sole discretion, either repair or replace the Product at no charge if the Original Purchaser becomes aware within the Warranty Period (defined below) that the Product malfunctions or is damaged in the course of normal use of the Product in accordance with the description in the instruction manual of the Product (hereinafter referred to as the "User's Manual").

The period of this Warranty is two (2) years from the date of purchase of the Product (hereinafter referred to as the "Warranty Period"). EIZO and Distributors shall bear no liability or obligation with regard to the Product in relation to the Original Purchaser or any third parties other than as provided under this Warranty. EIZO and Distributors will cease to hold or store any parts (excluding design parts) of the Product upon expiration of seven (7) years after the production of the Product is discontinued. In repairing the monitor, EIZO and Distributors will use renewal parts which comply with our QC standards. If the unit cannot be repaired due to its condition or the stockout of a relevant part, EIZO and Distributors may offer the replacement by a product with equivalent performance instead of repairing it.

The Warranty is valid only in the countries or territories where the Distributors are located. The Warranty does not restrict any legal rights of the Original Purchaser.

Notwithstanding any other provision of this Warranty, EIZO and Distributors shall have no obligation under this Warranty whatsoever in any of the cases as set forth below:

- (a) Any defect of the Product caused by freight damage, modification, alteration, abuse, misuse, accident, incorrect installation, disaster, adherent dust, faulty maintenance and/or improper repair by third party other than EIZO and Distributors;
- (b) Any incompatibility of the Product due to possible technical innovations and/or regulations;
- (c) Any deterioration of the sensor, including measurement value of the sensor;
- (d) Any defect of the Product caused by external equipments:
- (e) Any defect of the Product caused by the use under environmental conditions other than EIZO and Distributors' estimation;
- (f) Any deterioration of the attachments of the Product (e.g. cables, User's Manual, CD-ROM, etc.);
- (g) Any deterioration of the consumables, and/or accessories of the Product (e.g. batteries, remote controller, touch pen, etc.);
- (h) Any deformation, discoloration, and/or warp of the exterior of the Product;
- (i) Any defect of the Product caused by placement in a location where it may be affected by strong vibration or shocks;
- (j) Any deterioration or malfunction of the cooling fan caused by adherent dust.

To obtain service under the Warranty, the Original Purchaser must deliver the Product, freight prepaid, in its original package or other adequate package affording an equal degree of protection, assuming the risk of damage and/or loss in transit, to the local Distributor. The Original Purchaser must present proof of purchase of the Product and the date of such purchase when requesting services under the Warranty.

The Warranty Period for any replaced and/or repaired product under this Warranty shall expire at the end of the original Warranty Period.

EIZO OR DISTRIBUTÓRS ARE NOT RESPONSIBLE FOR ANY DAMAGE TO, OR LOSS OF, DATA OR OTHER INFORMATION STORED IN ANY MEDIA OR ANY PART OF ANY PRODUCT RETURNED TO EIZO OR DISTRIBUTORS FOR REPAIR.

EIZO AND DISTRIBUTORS MAKE NO FURTHER WARRANTIES, EXPRESSED OR IMPLIED, WITH RESPECT TO THE PRODUCT AND ITS QUALITY, PERFORMANCE, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE. IN NO EVENT SHALL EIZO OR DISTRIBUTORS BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGE WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFIT, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT OR IN ANY CONNECTION WITH THE PRODUCT, WHETHER BASED ON CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, EVEN IF EIZO OR DISTRIBUTORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THIS EXCLUSION ALSO INCLUDES ANY LIABILITY WHICH MAY ARISE OUT OF THIRD PARTY CLAIMS AGAINST THE ORIGINAL PURCHASER. THE ESSENCE OF THIS PROVISION IS TO LIMIT THE POTENTIAL LIABILITY OF EIZO AND DISTRIBUTORS ARISING OUT OF THIS LIMITED WARRANTY AND/OR SALES.

Recycling Information / Informationen zum Thema Recycling / Informations sur le recyclage / Сведения по утилизации

Recycling Information

This product, when disposed of, is supposed to be collected and recycled according to your country's legislation to reduce environmental burden. When you dispose of this product, please contact a distributor or an affiliate in your country.

The contact addressees are listed on the EIZO website below. www.eizoglobal.com

For recycling information for customers in Switzerland, please refer to the following website. www.swico.ch

Informationen zum Thema Recycling

Dieses Produkt muss gemäß den Vorschriften Ihres Landes zur Entlastung der Umwelt recyclet werden. Wenden Sie sich bei der Entsorgung dieses Produkts an einen Verteiler oder eine Tochtergesellschaft in Ihrem Land.

Die Adressen zur Kontaktaufnahme sind auf der unten angegebenen Website von EIZO aufgeführt. www.eizoglobal.com

Kunden in der Schweiz entnehmen Informationen zum Recycling der folgenden Website: www.swico.ch

Informations sur le recyclage

Ce produit doit être jeté aux points de collecte prévus à cet effet et recyclé conformément à la législation de votre pays, afin de réduire l'impact sur l'environnement. Lorsque vous jetez ce produit, veuillez contacter un distributeur ou une société affiliée de votre pays.

Les adresses des distributeurs sont répertoriées sur le site Web EIZO ci-dessous. www.eizoglobal.com

Pour les clients en Suisse, veuillez consulter le site Web suivant afin d'obtenir des informations sur le recyclage.

www.swico.ch

Información sobre reciclaje

Este producto debe desecharse y reciclarse según la legislación del país para reducir el impacto medioambiental. Cuando desee deshacerse de este producto, póngase en contacto con un distribuidor o una filial de su país.

Encontrará las direcciones de contacto en el sitio web de EIZO que se indica a continuación. www.eizoglobal.com

Informazioni sul riciclaggio

Per lo smaltimento e il riciclaggio del presente prodotto, attenersi alle normative vigenti nel proprio paese per ridurre l'impatto ambientale. Per lo smaltimento, rivolgersi ad un distributore o un affiliato presenti nel proprio paese.

Gli indirizzi sono elencati nel sito Web EIZO riportato di seguito. www.eizoglobal.com

Per informazioni sul riciclaggio per i clienti in Svizzera, consultare il sito Web riportato di seguito. www.swico.ch

Atervinningsinformation

När denna produkt kasseras ska den hanteras och återvinnas enligt landets föreskrifter för att reducera miljöpåverkan. När du kasserar produkten ska du kontakta en distributör eller representant i ditt land. Kontaktadresserna listas på EIZO-webbplatsen nedan. www.eizoglobal.com

Πληροφορίες ανακύκλωσης

Το προϊόν αυτό, όταν απορρίπτεται, πρέπει να συλλέγεται και να ανακυκλώνεται σύμφωνα με τη νομοθεσία της χώρας σας έτσι ώστε να μην επιβαρύνει το περιβάλλον. Για να απορρίψετε το προϊόν, επικοινωνήστε με έναν αντιπρόσωπο ή μια θυγατρική εταιρεία στη χώρα σας.
Οι διευθύνσεις επικοινωνίας αναγράφονται στην τοποθεσία web της EIZO παρακάτω. www.eizoglobal.com

Сведения по утилизации

По истечении срока службы данного продукта его следует принести на сборный пункт и утилизировать в соответствии с действующими предписаниями в вашей стране, чтобы уменьшить вредное воздействие на окружающую среду. Прежде чем выбросить данный продукт, обратитесь к дистрибьютору или в местное представительство компании в вашей стране. Контактные адреса можно найти на веб-узле EIZO. www.eizoglobal.com

Informatie over recycling

Wanneer u dit product wilt weggooien, moet het uit milieu-overwegingen worden verzameld en gerecycled volgens de betreffende wetgeving van uw land. Wanneer u dit product wilt weggooien, moet u contact opnemen met een distributeur of een partner in uw land.

De contactadressen worden vermeld op de volgende EIZO-website. www.eizoglobal.com

Informação sobre reciclagem

Este produto, quando o deitar fora, deve ser recolhido e reciclado de acordo com a legislação do seu país para reduzir a poluição. Quando deitar fora este produto, contacte um distribuidor ou uma filial no seu país. Os endereços de contacto estão listados no website do EIZO, abaixo. www.eizoglobal.com

Oplysninger om genbrug

Dette produkt forventes ved bortskaffelse at blive indsamlet og genbrugt i overensstemmelse med lovgivningen i dit land for at reducere belastningen af miljøet. Når du bortskaffer denne produkt, skal du kontakte en distributør eller et tilknyttet selskab i dit land.

Adresserne på kontaktpersonerne er angivet på EIZO's websted nedenfor. www.eizoglobal.com

Kierrätystä koskevia tietoja

Tuote tulee hävittää kierrättämällä maan lainsäädännön mukaisesti ympäristön kuormittumisen vähentämiseksi. Kun hävität tuotteen, ota yhteyttä jälleenmyyjään tai tytäryhtiöön maassasi. Yhteystiedot löytyvät EIZOn Internet-sivustolta. www.eizoglobal.com

Wykorzystanie surowców wtórnych

Ten produkt po zużyciu powinien być zbierany i przetwarzany zgodnie z krajowymi przepisami dotyczącymi ochrony środowiska. Wyrzucając ten produkt, należy skontaktować się z lokalnym dystrybutorem lub partnerem. Adresy kontaktowe można znaleźć we wskazanej poniżej witrynie internetowej firmy EIZO. www.eizoglobal.com

Informace o recyklaci

Při likvidaci produktu musí být produkt vyzvednut a recyklován podle zákonů příslušné země, aby nedocházelo k zatěžování životního prostředí. Zbavujete-li se produktu, kontaktujte distributora nebo pobočku ve své zemi. Kontaktní adresy jsou uvedeny na následující webové stránce společnosti EIZO. www.eizoglobal.com

Ringlussevõtu alane teave

Keskkonnakoormuse vähendamiseks tuleks kasutatud tooted kokku koguda ja võtta ringlusse vastavalt teie riigi seadustele. Kui kõrvaldate käesoleva toote, võtke palun ühendust turustaja või filiaaliga oma riigis. Kontaktisikud on toodud EIZO veebilehel järgmisel aadressil: www.eizoglobal.com

Újrahasznosítási információ

Jelen terméket, amikor eldobjuk, az illető ország törvényei alapján kell összegyűjteni és újrahasznosítani, hogy csökkentsük a környezet terhelését. Amikor ezt a terméket eldobja, kérjük lépjen kapcsolatba egy országon belüli forgalmazóval vagy társvállalkozással.

A kapcsolat címei az EIZO alábbi weboldalán találhatók felsorolva: www.eizoglobal.com

Podatki o recikliranju

Ob koncu uporabe odslužen izdelek izročite na zbirno mesto za recikliranje v skladu z okoljevarstveno zakonodajo vaše države. Prosimo, da se pri odstranjevanju izdelka obrnete na lokalnega distributerja ali podružnico.

Kontaktni naslovi so objavljeni na spodaj navedenih spletnih straneh EIZO: www.eizoglobal.com

Informácie o recyklácii

Pri likvidácii musí byť tento výrobok recyklovaný v súlade s legislatívou vašej krajiny, aby sa znížilo zaťaženie životného prostredia. Keď sa chcete zbaviť tohto výrobku, kontaktujte prosím distribútora alebo pobočku vo vašej krajine.

Zoznam kontaktných adries je uvedený na nasledovnej webovej stránke firmy EIZO: www.eizoglobal.com

Pārstrādes informācija

Utilizējot šo produktu, tā savākšana un pārstrāde veicama atbilstoši jūsu valsts likumdošanas prasībām attiecībā uz slodzes uz vidi samazināšanu. Lai veiktu šī produkta utilizāciju, sazinieties ar izplatītāju vai pārstāvniecību jūsu valstī.

Kontaktadreses ir norādītas zemāk minētajā EIZO tīmekļa vietnē. www.eizoglobal.com

Informacija apie grąžinamąjį perdirbimą

Šalinant (išmetant) šiuos gaminius juos reikia surinkti ir perdirbti grąžinamuoju būdu pagal jūsų šalies teisės aktus, siekiant sumažinti aplinkos teršimą. Kai reikia išmesti šį gaminį, kreipkitės į jūsų šalyje veikiančią gaminių pardavimo atstovybę arba jos filialą.

Kontaktiniai adresatai nurodyti EIZO interneto svetainėje. www.eizoglobal.com

Информация относно рециклиране

При изхвърлянето на този продукт се предлага събирането и рециклирането му съобразно законите на вашата страна за да се намали замърсяването на околната среда. Когато искате да се освободите от този продукт, моля свържете се с търговския му представител или със съответните органи отговарящи за това във вашата страна.

Данните за връзка с нас са описани на следния Интернет сайт на EIZO: www.eizoglobal.com

Informație referitoare la reciclare

Acest produs, când debarasat, trebuie colectat şi reciclat conform legislaţiei ţării rspective ca să reducem sarcina mediului. Când se debarasează de acest produs, vă rugăm să contactaţi un distribuitor sau un afiliat al ţării respective.

Adresele de contact le găsiţi pe pagina de web al EIZO: www.eizoglobal.com

معلومات عن اعادة التدوير

عند التخلص من هذا المنتج، من الضروري تجميعه واعادة تدويره وفقاً للقوانين المتبعة في بلدك لتقليل العبء المسلط على البيئة. عندما تتخلص من هذا المنتج، يرجى الاتصال بموزع أو طرف منتسب إليه في بلدك. عناوين الاتصال مدرجة في موقع ايزو EIZO ادناه على شبكة الانترنت.

www.eizoglobal.com

Geri Dönüşüm Bilgisi

Bu ürünün, atılacağı zaman, ülkenizin çevre kirliliğinin azaltılması konusundaki mevzuatına göre toplanması ve yeniden değerlendirilmesi gerekmektedir. Ürünü atacağınız zaman lütfen ülkenizdeki bir distribütör veya ilgili kuruluşla temasa geçiniz.

İrtibat adresleri aşağıdaki EIZO web sitesinde verilmiştir.

www.eizoglobal.com



EIZ Corporation

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EIZO Europe GmbH

Helmut-Grashoff-Strasse 18, 41179 Mönchengladbach, Germany

艺卓显像技术(苏州)有限公司

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www.eizoglobal.com

00N0N120A1 **国語** SUM-DX0211-IP-AL **国語**