



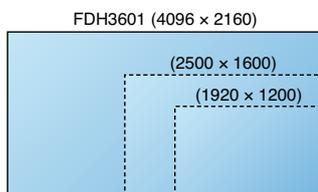
The DuraVision FDH3601 is a next-generation primary control monitor that incorporates EIZO's expertise in creating advanced visual display solutions for ATC. It features a widescreen format and an 8.8-megapixel resolution giving controllers more flexibility over how they display data compared to conventional multi-monitor setups.



- 4096 × 2160 native resolution
- 1000:1 contrast ratio
- White LED backlight
- Two DisplayPort and two dual-link DVI-D inputs

Fine Rendering of Detail

The DuraVision FDH3601 displays 8.8 megapixels across its 36.4" screen. This makes for a tight pixel pitch of 0.1995 mm so text is crisp and images are detailed. The tight pixel pitch allows the monitor to display the equivalent of two or more conventional desktop monitors. Without obtrusive bezels, eye movement is reduced and viewing comfort increased.



Wide Viewing Angles

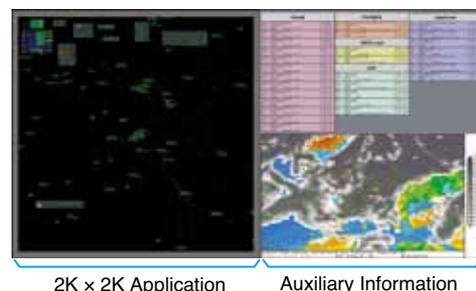
The LCD panel provides 176° viewing angles and exhibits minimal color shift when viewed from an acute angle. This allows controllers to clearly view all data across the large 36.4" screen while remaining in one position.

DVI-D and DisplayPort Inputs

The DuraVision FDH3601 comes with two dual-link DVI-D and two DisplayPort connectors. A USB hub with one upstream and two downstream ports is also included.

4K × 2K for Versatile Information Display

The large size and high resolution creates new possibilities for displaying information. For example, controllers can view one 4K × 2K image across the entire screen. Or, they can view both a 2K × 2K image and auxiliary information on one screen rather than on separate monitors.



Mercury-Free, White LED Backlight

Using white LED backlight technology the DuraVision FDH3601 offers a broad dimming range from 30 cd/m² up to 700 cd/m², making it ideal for almost any ambient lighting environment. The monitor maintains stable brightness even at a low setting so controllers in dimly-lit ATC centers will experience minimal eye fatigue over the course of their shifts. Furthermore, the backlight is mercury free so it will have less impact on the environment when disposed of compared to a conventional CCFL backlight.

36.4" Color LCD Monitor

DuraVision® FDH3601



Brightness and Color Uniformity with DUE

Fluctuations in brightness and chroma on different parts of the screen are characteristic of LCD panels. Generally, the larger the screen, the more noticeable these uniformity errors become. EIZO's Digital Uniformity Equalizer (DUE) helps to compensate for these errors, resulting in a much more uniform image.



Without DUE: uneven brightness distribution



With DUE: uniform brightness across the screen

10-Bit Simultaneous Display

Standard 8-bit color which displays 16.7 million colors simultaneously is available with both the DVI-D and DisplayPort connectors. Furthermore, with the DisplayPort connectors, the monitor can also display 10-bit color*. This is more than 1 billion colors shown simultaneously for clear differentiation between adjacent color tones.

Commitment to Quality

EIZO designed, manufactured, and quality-control tested the DuraVision FDH3601 at its own facilities. The company emphasizes reliability, safety, and environmental preservation in its operations and has obtained ISO 9001 and ISO 14001 certification for its quality management and environmental management systems respectively.

Built for Advanced Performance

EIZO developed the DuraVision FDH3601 concurrently with a 4K × 2K medical-grade monitor. Both products use the latest components and offer very similar specifications and feature sets, each tailored to meet the specific requirements of their respective markets.

On-Screen Button Guide

When using the monitor's control buttons, an on-screen guide appears above the buttons to indicate what each one is for. This ensures trouble-free adjustment of the monitor's settings in a dimly-lit working environment.

2-Year Warranty, 24-Hour Use

The DuraVision FDH3601 offers long-term reliability; it is built for 24-hour use and is backed by a two-year manufacturer's warranty.

Specifications

Panel Size	36.4" / 92 cm (923 mm diagonal)
Active Display Size (H × V)	817.1 × 430.9 mm
Viewing Angles (H, V)	176°, 176° (at contrast ratio of 10:1)
Brightness	700 cd/m ²
Contrast	1000:1
Response Time (Typical)	Gray-to-gray: 8 ms Black-white-black: 25 ms
Native Resolution	4096 × 2160
Pixel Pitch	0.1995 × 0.1995 mm
Maximum Display Colors	10-bit display, 10.7 billion colors*
Cabinet Color	Black
Dot Clock	DVI: 310 MHz; DisplayPort: 290 MHz
Digital Scanning Frequency (H, V)	31 – 140 kHz, 29.5 – 61 Hz (VGA TEXT supported)
Video Input Terminals	DVI -D (dual link supported) × 2; DisplayPort × 2
USB Ports / Standard	1 upstream, 2 downstream / USB 2.0
Plug & Play	VESA DDC 2B
Power Requirements	AC 100 – 120 V / 200 – 240 V, 50 / 60 Hz
Power Consumption	162 W (typical), 350 W (maximum)
Power Save Mode	Less than 6 W
Height Adjustment Range	100 mm
Tilt / Swivel / Pivot	25° Up / 172° Right, 172° Left / –
Dimensions (W × H × D)	With Stand: 896 × 543 – 643 × 323 mm Without Stand: 896 × 527 × 157 mm
Net Weight	With Stand: 27.9 kg Without Stand: 23.2 kg
Preset Modes	sRGB, Text, User1, User2, User3
EcoView Settings	EcoView Sense (presence sensor)
Screen Adjustment	Position
Color Adjustment	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Reset
Power Management	Power Save, Power Indicator
Other Settings	Input Selection, Input Preset, Mode Preset, OSD Menu Settings (Languages, Position), Signal Info, Monitor Info, All Reset, Key Lock, DC5V Output, Resolution, Reset
Certifications and Standards	CB, TÜV/GS, CE, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, C-Tick, RoHS, WEEE
Supplied Accessories	AC power cord, AC adapter, signal cables (DVI-D – DVI-D [dual link supported] × 2, DisplayPort × 2), USB cable, setup manual, PDF user's manual, 4 screws for mount option, power cable holder
Warranty	Two years, 24-hour use

*A graphics board and software which support 10-bit output are also necessary for 10-bit display.

EIZO Corporation

153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan

Phone +81-76-277-6792 Fax +81-76-277-6793

www.eizoglobal.com

atc@eizo.com

All product names are trademarks or registered trademarks of their respective companies. DuraVision and EIZO are registered trademarks of EIZO Corporation. Screen image provided by THALES. Specifications are subject to change without notice.

Copyright © 2014 EIZO Corporation. All rights reserved.