



Security & Surveillance Monitor Solutions

# DuraVision® FlexScan®





23" IP Security Monitor

DuraVision® FDF2304W-IP



23" Security Monitor

DuraVision® FDF2305W



## PC-Less Connection to Multiple IP Cameras and Visibility-Enhancing Technology

### PC-Less Operation

The DuraVision FDF2304W-IP can operate without a PC, allowing the monitor to be freely mounted on the wall or ceiling. This eliminates the need to arrange PC placement and simplifies cable management.



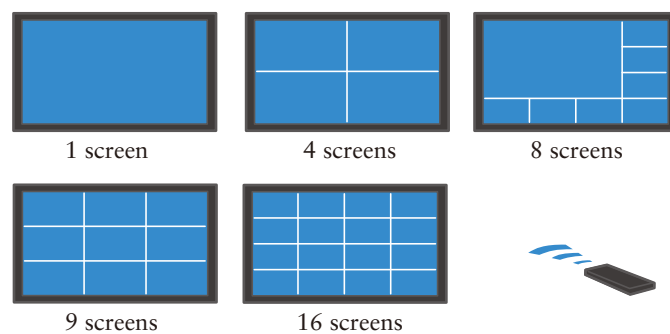
### Easily Adjust Camera Settings

Using the included remote control you can quickly adjust the settings for connected IP cameras such as tilt, pan, zoom, brightness, and focus.



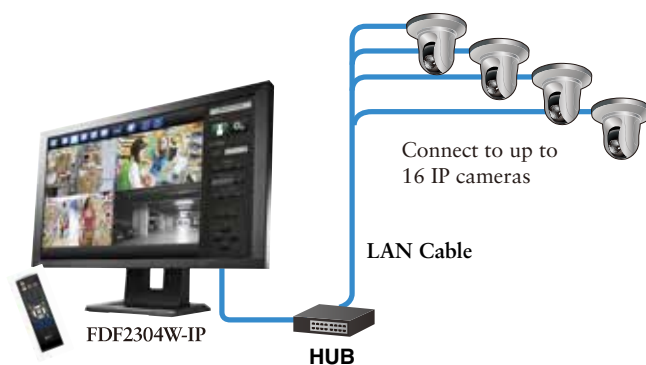
### Multi-Screen Video Layout

Select from five different layouts to view video from each IP camera on a single screen. Video layout can be changed using the included remote control. You can also set the monitor to sequentially switch between up to four video feeds.



### Multiple Camera Connections

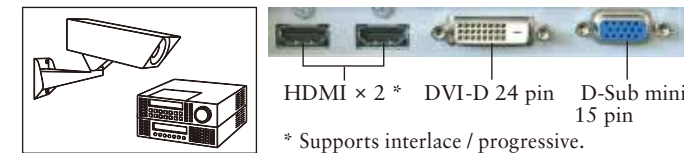
The DuraVision FDF2304W-IP displays the video feed from up to sixteen separate IP security cameras via LAN cable for efficient video management in security and surveillance environments.



## Full-HD Monitor with Visibility-Enhancing Technology for Security and Surveillance

### Equipped with 2 HDMI Inputs

The DuraVision FDF2305W is equipped with DVI-D 24 pin and D-Sub mini 15 pin inputs for digital and analog signal support respectively. It also has two HDMI inputs which support both PC and AV signals and can be connected to video cameras, recorders, and other AV devices.



### Full HD (1920 x 1080) LCD Panel

Images are displayed pixel-by-pixel in full high definition that fills the entire screen. Images taken with full HD cameras are reproduced in detail.

### ■ Displaying HD contents



### Visibility in Dark Areas with Smart Insight

Automatically detects areas that are difficult to see and adjusts the brightness of each pixel, reproducing images with a realistic sense of depth. Figures that used to be difficult to see are now made visible.

Smart Insight off



Smart Insight on

Easy to see the dark areas!





### Visibility in Dark Areas with Smart Insight

Smart Insight visibility-enhancing technology automatically detects areas that are dark and difficult to see by adjusting the brightness of each pixel, brightening images while reproducing them with a realistic sense of depth. Areas that are difficult to see due to low ambient lighting are enhanced for increased visibility.



### Day and Night Preset Modes

Day and Night preset modes are optimized for displaying images under different environmental conditions throughout the day. You can easily switch between modes with the included remote control.

### Wide Viewing Angles

The FDF2304W-IP uses an IPS panel with wide viewing angles for minimal color shift and contrast change no matter where the monitor is viewed from. This ensures accurate color reproduction and clear visibility all the way to the corners of the screen.



Panel with narrow viewing angles      IPS panel

### Optimize Camera Settings

Individually optimize Smart Insight and Smart Resolution function settings for up to 4 connected cameras in any layout. This is helpful when multiple cameras are used in environments with differing ambient lighting conditions.

### Built-in Power Supply

The AC power supply is built-in so you can connect easily with only one power cord.

### Sharper Images with Smart Resolution

Smart Resolution blur-reduction technology analyzes the displayed content and ensures that noise is not accentuated while correcting blurred areas for a sharper, clearer image. For images with a great deal of depth, it sharpens the foreground more strongly to maintain a real world sense of focus.



Smart Resolution Off      Smart Resolution On

### Noise Reduction

The monitor includes settings to reduce the amount of block noise that occurs due to video compression.

### Reduce Reflective Light

The non-glare panel dissipates reflective light that would normally make the screen difficult to view and strain the eyes.



Glare panel      Non-Glare panel

### Full High Definition Panel

Images are displayed pixel-by-pixel in full high-definition (1920 x 1080) that fills the entire screen. Images taken with a full-HD camera maintain fine detail when viewed on the monitor.



Low resolution monitor      FDF2304W-IP (1920 x 1080)  
Black bars are visible and the screen is blurry      Displays pixel-by-pixel full HD content that fills the screen

### FDF2304W-IP SPECIFICATIONS

Cabinet Color	Black
Panel Type	IPS
Backlight	LED
Panel Size	23" / 58 cm (584 mm diagonal)
Native Resolution	1920 x 1080
Display Size (H x V)	509.1 x 286.4 mm
Pixel Pitch	0.2652 x 0.2652 mm
Display Colors	16.7 million
Viewing Angles (H / V, typical)	178°, 178°
Brightness (typical)	300 cd/m <sup>2</sup>
Contrast Ratio (typical)	1000:1
Response Time (typical)	8 ms (Gray to gray)
Input Terminal	HDMI x 1
Network*	RJ-45 x 1
USB function / standard	2-port USB hub / USB 2.0
LAN Standard	IEEE802.3ab (1000BASE-T), IEEE802.3u (100BASE-TX)
Power Requirements	AC 100 - 120 V / AC 200 - 240 V, 50 / 60 Hz
Dimensions (Landscape, W x H x D)	563.5 x 411.3 x 157 mm
Dimensions (Without Stand, W x H x D)	563.5 x 325 x 63 mm
Net Weight	7.9 kg
Net Weight (Without Stand)	5.5 kg
Tilt	30° Up
Hole Spacing (VESA Standard)	100 x 100 mm
Temperature	0 - 35 °C
Humidity (R.H., non condensing)	20 - 80 %
Certifications & Standards	CB, CE, cTUVus, FCC-B, Canadian ICES-003-B, c-tick, TUV/S, VCCI-B, RoHS, WEEE
Supplied Accessories	Power cord, Signal cable (HDMI - HDMI), Remote control with battery, Setup manual, User's manual
Warranty	Two Years

\* Please visit [eizo.com](http://eizo.com) for camera compatibility information.

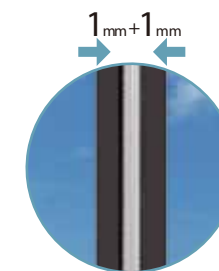
### FDF2305W SPECIFICATIONS

Cabinet Color	Black
Panel Type	TN
Backlight	LED
Panel Size	23" / 58 cm (584 mm diagonal)
Native Resolution	1920 x 1080
Display Size (H x V)	509.76 x 286.74 mm
Pixel Pitch	0.2655 x 0.2655 mm
Grayscale Tones	256 tones
Display Colors	16.7 million
Viewing Angles (H / V, typical)	170°, 160°
Brightness (typical)	250 cd/m <sup>2</sup>
Contrast Ratio (typical)	1000:1 (5000:1 with ContrastEnhancer)
Response Time (typical)	10 ms (Black to White to Black)
Input Terminals	PC: DVI-D 24 pin (with HDCP), D-Sub mini 15 pin PC / AV: HDMI x 2
Digital Scanning Frequency (H / V)	HDMI: 15 - 68 kHz / 49 - 61 Hz (VGA Text: 69 - 71 Hz), DVI: 31 - 68 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)
Analog Scanning Frequency (H / V)	PC: 31 - 81 kHz, 55 - 76 Hz / AV: -
Sync Formats	PC: Separate / AV: -
Speakers	0.5 W + 0.5 W (stereo)
Audio Input Terminals	PC: 3.5 mm stereo jack x 1 PC / AV: HDMI x 2
Audio Output Terminals	3.5 mm stereo jack, 3.5 mm headphone jack
Sound Adjustment	Volume, Mute, Sound Level, source (HDMI)
Power Requirements	AC 100 - 120 V / AC 200 - 240 V, 50 / 60 Hz
Dimensions (Landscape, W x H x D)	545 x 390 - 450 x 200 mm
Dimensions (Without Stand, W x H x D)	545 x 348.5 x 54 mm
Net Weight (with stand / without)	5.2 kg / 3.9 kg
Height Adjustment Range	60 mm
Tilt / Swivel	25° Up, 0° Down / 172° Right, 172° Left
Hole Spacing (VESA Standard)	100 x 100 mm
Temperature	5 - 35 °C
Humidity (R.H., non condensing)	20 - 80 %
Certifications & Standards	CB, CE, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, CCC, RCM, RoHS, WEEE, China RoHS
Supplied Accessories	Power cord, Signal cable (DVI-D - DVI-D, HDMI - HDMI), remote control with battery, Screws for mount option, Setup manual, CD-ROM (PDF user's manual)
Warranty	Two Years

### FLEXSCAN MODEL FEATURES INCLUDE:

#### World's Thinnest Bezels for Multi-Monitor Environments

FlexScan EV2455 and EV2450 feature 1 mm ultra-slim bezels on the sides and top (with black borders of 5.2 mm for the FlexScan EV2455 and 4.3 mm for the FlexScan EV2450) and a depth of a mere 47.9 mm for both models. This makes for an attractive design that blends in with the desktop and reduces eye movement in a multi-monitor setup.



#### Significantly Reduce Power Consumption

FlexScan EV models offer a number of features for lowering power consumption. The Auto EcoView brightness sensor automatically lowers brightness according to ambient lighting and EcoView Optimizer 2 reduces backlight brightness and increases gain when viewing dark content.

#### Full 5 Year Warranty



4K UHD

Ultra-Slim Monitors



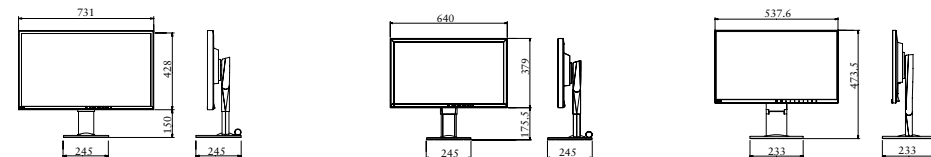
**FlexScan EV3237**

**FlexScan EV2736W**

**FlexScan EV2450**

Cabinet Color	Gray, Black	Gray, Black	Gray, Black	
Panel	Type	IPS	IPS	
	Backlight	LED	LED	
	Size	31.5" / 80 cm (799 mm diagonal)	27" / 68 cm (684 mm diagonal)	23.8" / 60 cm (604 mm diagonal)
	Native Resolution	DisplayPort: 3840 x 2160 (60Hz, 16:9 aspect ratio) DVI / HDMI: 3840 x 2160 (30Hz, 16:9 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	1920 x 1080 (16:9 aspect ratio)
	Display Size (H x V)	696.9 x 392.0 mm	596.7 x 335.6 mm	527 x 296.4 mm
	Pixel Pitch	0.1815 x 0.1815 mm	0.233 x 0.233 mm	0.2745 x 0.2745 mm
	Display Colors	16.77 million	16.77 million	16.77 million
	Viewing Angles (H / V, typ.)	178°, 178°	178°, 178°	178°, 178°
	Brightness (typical)	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
	Contrast Ratio (typical)	1000:1	1000:1	1000:1
Response Time (typical)	5 ms (Gray-to-gray)	6 ms (gray-to-gray)	5 ms (Gray-to-gray)	
Video Signals	Input Terminals	DisplayPort 1.2 x 2 (with HDCP 1.x), DVI-D 24 pin x 1 (with HDCP 1.x), HDMI x 1 (with HDCP 1.x)	DisplayPort x 1 DVI-D 24 pin x 1 (with HDCP)	D-Sub mini 15 pin x 1, DVI-D 24 pin x 1 (with HDCP), HDMI x 1 (with HDCP), DisplayPort x 1 (with HDCP)
	Digital (H, V)	31 - 134 kHz, 29 - 31 Hz and 59 - 61 Hz	31 - 89 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz, WQHD SL: 29 - 31 Hz)	31 - 68 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)
	Analog (H, V)	-	-	31 - 81 kHz, 55 - 76 Hz
USB	Function	1 port for up stream 3-port USB hub (including 1 USB Battery charge port)	1 port for monitor control 2-port USB hub	1 port for monitor control 2-port USB hub
	Standard	USB 3.0, USB BC 1.2	USB 2.0	USB 3.0
Audio	Speakers	1.0 W +1.0 W	1.0 W +1.0 W	1.0 W +1.0 W
	Input Terminals	3.5 mm stereo jack	3.5 mm stereo jack	3.5 mm stereo jack
Power	Output Terminals	3.5 mm headphone jack	3.5 mm headphone jack	3.5 mm headphone jack
	Sound Adjustment	Volume, Power Save, Source (DisplayPort, HDMI)	Volume, Power Save, Source (DisplayPort)	Volume, Power Save, Source (DisplayPort, HDMI)
	Power Requirements	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz
Features & Functions	Max. Power Consumption	105 W	67 W	47 W
	Typ. Power Consumption	30 W	24 W	12 W
	Power Save Mode	Less than 0.5 W	Less than 0.5 W	Less than 0.3 W
	Power Management	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Eco Timer	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Eco Timer	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Eco Timer
	Preset Modes	Color mode (Paper, Movie, sRGB, User1, User2)	FineContrast (Paper, Movie, sRGB, User1, User2)	FineContrast (Paper, Movie, sRGB, User1, User2)
Physical Specs	Auto EcoView	Yes	Yes	Yes
	EcoView Sense	Yes	Yes	Yes
	OSD Languages	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish
	Dimensions (W x H x D)	731 x 439 - 578 x 245 mm	640 x 404.5 - 554.5 x 245 mm	537.6 x 333.5 - 473.5 x 233 mm
	Dimensions (Without Stand, W x H x D)	731 x 428 x 59.5 mm	640 x 379 x 65 mm	537.6 x 317.6 x 47.9 mm
	Net Weight	10.6 kg / 23.4 lbs	9.9 kg	6.2 kg / 13.7 lbs
	Net Weight (Without Stand)	7.8 kg / 17.2 lbs	7.3 kg	3.8 kg / 8.4 lbs
	Height Adjustment Range	139 mm	150 mm	140 mm
Tilt	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	
Swivel	344°	344°	344°	
Pivot	-	90°	90°(both clockwise and counter clockwise)	
Hole Spacing (VESA Std.)	100 x 100 mm	100 x 100 mm	100 x 100 mm	
Certifications & Standards (Please contact the EIZO group company or distributor in your country for the latest information.)	TCO Displays 6.0, EPEAT Gold (US), TUV/Ergonomics (including ISO9241-307), TUV/GS, RCM, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, China RoHS, CCC, GOST-R	TCO Displays 6.0, EPEAT Gold (US), TUV/Ergonomics (including ISO9241-307), TUV/GS, c-Tick, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, China RoHS, CCC, GOST-R	TCO Displays 6.0, EPEAT Gold (US), TUV/Ergonomics (including ISO9241-307), TUV/GS, RCM, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, China RoHS, CCC, GOST-R	
Supplied Accessories	AC power cord, signal cables (DisplayPort - DisplayPort), USB cable, EIZO LCD Utility Disk (PDF user's manual), setup guide	AC power cord, signal cables (DVI-D - DVI-D[dual link supported]), DisplayPort - DisplayPort, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software), setup guide	AC power cord, signal cables (DisplayPort - DisplayPort), USB cable, EIZO LCD Utility Disk (PDF user's manual), setup guide	
Warranty	Five Years	Five Years	Five Years	

Dimension Diagrams (Unit:mm)



With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

Touch Series

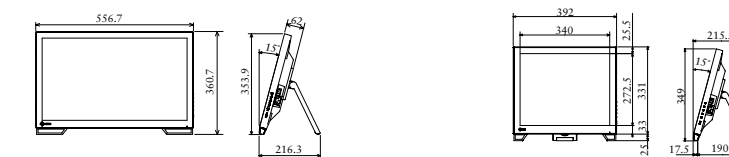


**FlexScan T2381W**

**FlexScan T1781**

Model Variations	-	-	
Cabinet Color	Gray, Black	Gray, Black	
Panel	Type	IPS	IPS
	Backlight	LED	LED
	Size	23" / 58 cm (584 mm diagonal)	17" / 43 cm (432 mm diagonal)
	Native Resolution	1920 x 1080 (16 : 9 aspect ratio)	1280 x 1024 (5:4 aspect ratio)
	Display Size (H x V)	509.1 x 286.4 mm	338 x 270 mm
	Pixel Pitch	0.265 x 0.265 mm	0.264 x 0.264 mm
	Display Colors	16.77 million from a palette of 1.06 billion	16.77 million from a palette of 1.06 billion
	Viewing Angles (H / V, typ.)	178°, 178°	178°, 178°
	Brightness (typical)	260 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
	Contrast Ratio (typical)	1000:1	1000:1
Response Time (typical)	6 ms (gray-to-gray)	22 ms (black-white-black)	
Touch Panel	Type	Project Capacitive	Project Capacitive
	Communication Protocol	USB	USB
	Touch Life	50 million touches (minimum)	50 million touches (minimum)
Video Signals	Surface Hardness	5H	5H
	Compatible OS	Multi-touch: Windows 8.1 (32-bit, 64-bit) / Windows 8 (32-bit, 64-bit) / Windows 7 (32-bit, 64-bit); Single-touch: Windows XP (32-bit)	Multi-touch: Windows 8.1 (64-bit, 32-bit) / Windows 8 (64-bit, 32-bit) / Windows 7 (32-bit, 64-bit) / Windows XP (32-bit)
	Input Terminals	D-Sub mini 15 pin x 1, DVI-D 24 pin x 1 (with HDCP), DisplayPort x 1 (with HDCP)	D-Sub mini 15 pin x 1, DVI-D 24 pin x 1 (with HDCP), DisplayPort x 1 (with HDCP)
	Digital (H / V)	31 - 68 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)	31 - 64 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)
	Analog (H / V)	31 - 81 kHz, 55 - 76 Hz	31 - 81 kHz, 50 - 76 Hz
USB	Sync Formats	Separate	Separate
	Function	1 port for touch panel control; 2-port USB hub	1 port for touch panel control 2-port USB hub
Audio	Standard	USB 2.0	USB 2.0
	Speakers	1.0 W + 1.0 W	1.0 W + 1.0 W
	Input Terminals	3.5 mm stereo jack	3.5 mm stereo jack
Power	Output Terminals	3.5 mm headphone jack	3.5 mm headphone jack
	Sound Adjustment	Volume, Power Save, Source (DisplayPort)	Volume, Power Save, Source (DisplayPort)
	Power Requirements	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz
	Max. Power Consumption	56 W	39 W
	Typ. Power Consumption	18 W	11 W
Features & Functions	Power Save Mode	Less than 0.5 W	Less than 0.5 W
	Standby Mode	Less than 0.5 W	Less than 0.5 W
	Power Management	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Eco Timer	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Eco Timer
	Brightness Stabilization	-	-
	Preset Modes	FineContrast (Paper, Movie, sRGB, User1, User2)	FineContrast (Paper, Movie, sRGB, User1, User2)
Physical Specs	Auto EcoView	-	-
	OSD Languages	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish
	Dimensions (W x H x D)	556.7 x 143.9 - 360.7 x 89 - 401.3 mm	392 x 142.5 - 356 x 89 - 400.5 mm
	Dimensions (Without Stand, W x H x D)	556.7 x 339.2 x 54 mm	392 x 331 x 54 mm
	Net Weight	6.6 kg	4.8 kg / 10.6 lbs
	Net Weight (Without Stand)	6.0 kg	4.3 kg / 9.5 lbs
	Height Adjustment Range	-	-
	Tilt	15° - 70°	15° - 70°
Swivel	-	-	
Pivot	-	-	
Hole Spacing (VESA Std.)	100 x 100 mm	100 x 100 mm	
Certifications & Standards (Please contact the EIZO group company or distributor in your country for the latest information.)	c-Tick, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, RoHS, WEEE, CCC, GOST-R	c-Tick, CE, CB(IEC60601-1), CB, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, RoHS, WEEE, CCC, GOST-R	
Supplied Accessories	AC power cord, signal cables (DVI-D - DVI-D, D-Sub - D-Sub), USB cable, audio cable, cleaning cloth, EIZO LCD Utility Disk (PDF user's manual, touch panel driver for Windows XP), Mask Sheet, setup guide	AC power cord, signal cables (DVI-D - DVI-D, D-Sub - D-Sub), USB cable, audio cable, cleaning cloth, EIZO LCD Utility Disk (PDF user's manual, touch panel driver for Windows XP), Mask Sheet, setup guide	
Warranty	Three Years	Three Years	

Dimension Diagrams (Unit:mm)





**EIZO Inc.**

5710 Warland Dr., Cypress, CA 90630 USA  
Phone (800) 800-5202 FaX (562) 431-4811  
[www.eizo.com](http://www.eizo.com)

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

Copyright © 2015 EIZO Corporation. All rights reserved.