







Highly Durable 10.4"Industrial Monitors with High Brightness and Multiple Mounting Options

Flexible Installation

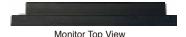
To meet the requirements of different industrial installations, the monitors are available in four configurations – desktop, VESA mount, panel mount, and chassis.

High Brightness for Visibility

The maximum brightness of 600 cd/m^2 (460 cd/m^2 for the FDX1003T) ensures excellent screen visibility in bright ambient environments. The brightness is adjustable to as low as 0.5 cd/m^2 , making them easy to view in low ambient lighting conditions.

Durable Build

Both monitors can withstand temperatures ranging from 0 - 50°C for high durability in industrial environments. In addition, the cabinets do not contain any ventilation holes and the perimeter of the control buttons are sealed, making them impervious to liquids and dust.





Front Panel Buttons

Touch Panel Variation

The FDX1003T is equipped with an analog resistive touch panel that has a minimum touch life of 10 million touches. It accepts touch input from both bare and gloved hands as well as styluses. It is also more resistant to dust and water compared to other touch technologies for increased durability.



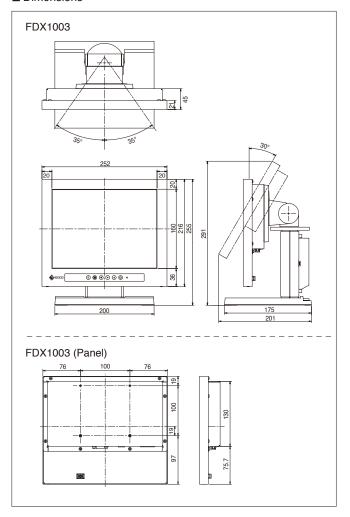
Flexible Positioning

The monitors are built to operate in both standard horizontal positions and non-standard positions such as attached to a mounting device or tilted at an extreme angle. In addition, images can be viewed rotated at 180° using a function accessed via the monitor's front buttons for viewing flexibility.

Additional Features

- D-Sub mini 15 pin analog input
- DVI-D 24 pin digital input
- Key lock support
- 2-year, 24 hour use manufacturer's warranty

■ Dimensions



SPECIFICATIONS

Cabinet Colors		Without Touch Panel	With Touch Panel
Cabinet Colors		FDX1003	FDX1003T
Panel	Model Variations	With Stand, Without Stand	With Stand, Without Stand
Native Resolution	Cabinet Colors	Gray, Black	Gray, Black
Native Resolution	Panel	TN	TN
Display Size (H x V) 210.4 x 157.8 mm 210.4 x 157.8 mm 0.2055 x 0.2055 x 0.2055 mm 0.2055 x 0.2055 x 0.2055 mm 0.2055 x 0.2055 x 0.2055 x 0.2055 mm 0.2055 x 0.2055	Size	10.4" / 26 cm (263 mm diagonal)	10.4" / 26 cm (263 mm diagonal)
Display Colors 16.77 million 16.77 milli	Native Resolution	1024 x 768 (4:3 aspect ratio)	1024 x 768 (4:3 aspect ratio)
Display Colors 16.77 million 16.77 milli	Display Size (H x V)	210.4 x 157.8 mm	210.4 x 157.8 mm
Viewing Angles (H / V, typical) 160°, 130° 160°, 130° 460 cd/m² 460 cd/m² 700:1	Pixel Pitch	0.2055 x 0.2055 mm	0.2055 x 0.2055 mm
Brightness (typical) 600 cd/m² 460 cd/m² 700:1	Display Colors	16.77 million	16.77 million
Contrast Ratio (typical) Response Time (typical) Input Terminals DVI-D 24 pin x 1 (with HDCP), D-Sub mini 15 pin x 1 DIgital Scanning Frequency (H / V) Analog Scanning Frequency (H / V) Analog Scanning Frequency (H / V) Analog Scanning Frequency (H / V) Power Requirements Monitor: DC 12 V AC Adapter: AC 100 - 240 V, 50 / 60 Hz Maximum Power Consumption DC: 9 W AC: 10 W DC: Less than 0.5 W AC: 10 W DC: Less than 1.0 W AC: Less than 1.0 W Power Management DC: Seren Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturariton, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset Dimensions (Landscape, W x H x D) Dimensions (Without Stand, W x H x D) Net Weight DC: Les C, CTUVus, FCC-B, Canadian (CS-003-B, TUV/S, VCCI-B, CCC, RMM, RoHS, WEEE, China RoHS, J-Moss Green mark Guideline AC adaptor; AG adaptor; AG adaptor; AG adaptor; Signal cable (D-Sub-D-Sub), setup manual, CD-ROM (PDF user's manual), Clamper, screws for mount option (Freemount Only) Total DV-D4 pin x 1 (with HDCP), D-Sub in ini 15 pin x 1 Bd ms (Black-white-black) DV-ID 49 pin x 1 (with HDCP), D-Sub ini in 15 pin x 1 Bd ms (Black-white-black) DV-ID 49 kb mini 15 pin x 1 31 - 49 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) 31 - 49 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) AC 46 thz dey Ktz 69 - 71 Hz) AC 46 thz dey Ktz 69 - 71 Hz) AC 46 thz dey Ktz 69 - 71 Hz) AC 46 thz dey Ktz 69 - 71 Hz) AC 46 thz 45 kbz 24 - 61 Kbz, 59 - 76 khz Monitor: DC 12 V AC Adapter: AC 100 - 240 V, 50 / 60 Hz AC Adapter: AC 100 - 240 V, 50 / 60 Hz AC 10 W DC: Less than 0.5 W AC: Less than	Viewing Angles (H / V, typical)	160°, 130°	160°, 130°
Input Terminals	Brightness (typical)	600 cd/m ²	460 cd/m ²
Input Terminals	Contrast Ratio (typical)	700:1	700:1
D-Sub mini 15 pin x 1 31 - 49 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) 24 - 61 kHz, 55 - 76 kHz Analog Scanning Frequency (H / V) Power Requirements Monitor: DC 12 V AC Adapter: AC 100 - 240 V, 50 / 60 Hz Maximum Power Consumption DC: 9 W AC: 10 W CS tandby Mode DC: Less than 0.5 W AC: Less than 1.0 W AC:	Response Time (typical)	16 ms (Black-white-black)	16 ms (Black-white-black)
Analog Scanning Frequency (H / V) Analog Scanning Frequency (H / V) Power Requirements Monitor: DC 12 V AC Adapter: AC 100 - 240 V, 50 / 60 Hz Maximum Power Consumption DC: 9 W AC: 10 W AC: 10 W DC: Less than 0.5 W AC: Less than 1.0 W Power Save (VESA DPM and DVI DMPM), ECO Timer OSD Settings Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturariton, Plue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset Dimensions (Landscape, W x H x D) Dimensions (Without Stand, W x H x D) Net Weight Net Weight (Without Stand) Supplied Accessories Ac adaptor, Signal cable (D-Sub-D-Sub), Set pmanual, Clamper, screws for mount option (Freemount Only) Ac Adaptor, Signal cable (D-Sub-D-Sub), Use Calmer, Screws for mount option (Freemount Only) Ac Adaptor, Signal cable (D-Sub-D-Sub), Use Calmer, Screws for mount option (Freemount Only)	Input Terminals		
Monitor: DC 12 V	Digital Scanning Frequency (H / V)		31 - 49 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)
AC Adapter: AC 100 - 240 V, 50 / 60 Hz DC: 9 W AC: 10 W DC: Less than 0.5 W AC: Less than 1.0 W Power Management Power Save (VESA DPM and DVI DMPM), ECO Timer OSD Settings Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturartion, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset Dimensions (Landscape, W x H x D) Dimensions (Without Stand, W x H x D) Dimensions (Without Stand, W x H x D) Dimensions (Without Stand) 1.8 kg Tilt 30° Up, 0° Down Supplied Accessories AC adaptor, Signal cable (D-Sub-D-Sub), Setup manual, CD-ROM (PDF user's manual), clamper, screws for mount option (Freemount Only) AC Adapter: AC 100 - 240 V, 50 / 60 Hz DC: 9W AC: 10 W DC: Less than 0.5 W AC: Less than 0.5 W AC: Less than 1.0 W Power Save (VESA DPM and DVI DMMM, ECO Timer Screen Adjustment (Clock, Phase, Position, Ronge (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturartion, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset 252 x 255 x 175 mm 252 x 255 x 175 mm 252 x 216 x 45	Analog Scanning Frequency (H / V)	24 - 61 kHz, 55 - 76 kHz	24 - 61 kHz, 55 - 76 kHz
AC: 10 W Standby Mode DC: Less than 0.5 W AC: Less than 1.0 W Power Save (VESA DPM and DVI DMPM), ECO Timer Screen Adjustment (Brightness, Femperature, Gain, Saturation, Hue, Reset, Color Mode), Signal Cable, Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset Dimensions (Landscape, W x H x D) 252 x 255 x 175 mm 252 x 255 x 175 mm 252 x 256 x 175 mm 252 x 256 x 45 mm 252 x 216	Power Requirements	AC Adapter: AC 100 - 240 V, 50 /	AC Adapter: AC 100 - 240 V, 50 /
AC: Less than 1.0 W Power Management Power Save (VESA DPM and DVI DMPM), ECO Timer Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturartion, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset Dimensions (Landscape, W x H x D) Dimensions (Without Stand, W x H x D) Dimensions (Without Stand, W x H x D) Net Weight Swivel Certifications & Standard CE. Less than 1.0 W Power Save (VESA DPM and DVI DMPM), ECO Timer Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturartion, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset 252 x 255 x 175 mm 252 x 255 x 175 mm 252 x 255 x 175 mm 252 x 216 x 45 mm 253 x 216 x 45 mm 254 x 216 x 45 mm 255 x 216 x 45 mm 256 x 216 x 45 mm 257 x 216 x 45 mm 258 x 216 x 45 mm 259 x 216 x 45 mm 250 x 216 x 45 mm 250	Maximum Power Consumption		
DMPM), ECO Timer Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (S stages), Color Adjustment (Brightness, Temperature, Gain, Saturartion, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset Dimensions (Landscape, W x H x D) Dimensions (Without Stand, W x H x D) Dimensions (Without Stand, W x H x D) Net Weight 3.5 kg 3.7 kg 252 x 255 x 175 mm 252 x 216 x 45 mm 253 x 216 x 45 mm 254 x 216 x 45	Standby Mode		
Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturartion, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset Dimensions (Landscape, W x H x D) Dimensions (Without Stand, W x H x D) Dimensions (Without Stand, W x H x D) Net Weight 3.5 kg 3.7 kg 252 x 255 x 175 mm 252 x 216 x 45 mm 252 x 216	Power Management		
Clandscape, W x H x D Clandscape, W x H x	OSD Settings	Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturarition, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse,	(Brightness, Temperature, Gain, Saturartion, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse,
Without Stand, W x H x D S.5 kg 3.7 kg	Dimensions (Landscape, W x H x D)	252 x 255 x 175 mm	252 x 255 x 175 mm
Net Weight (Without Stand) 1.8 kg 2 kg 30° Up, 0° Down 30° Up, 0° Down 30° Up, 0° Down 35° Right, 35° Left Certifications & Standard CES-003-B, TUV/S, VCCI-B, CCC, RCM, RoHS, WEEE, China RoHS, J-Moss Green mark Guideline Supplied Accessories AC adaptor, Signal cable (D-Sub-D-Sub), setup manual, CD-ROM (PDF user's manual), clamper, screws for mount option (Freemount Only) AC adaptor, Signal cable (D-Sub-D-ROM (PDF user's manual), clamper, screws for mount option (Freemount Only)	Dimensions (Without Stand, W x H x D)	252 x 216 x 45 mm	252 x 216 x 45 mm
Tilt 30° Up, 0° Down 30° Up, 0° Down 35° Right, 35° Left 35° L	Net Weight	3.5 kg	3.7 kg
Swivel 35° Right, 35° Left 35° Right, 35° Left Certifications & Standard CES-003-B, TUV/S, VCCI-B, CCC, RCM, RoHS, WEEE, China RoHS, J-Moss Green mark Guideline CD-Sub-D-Sub), setup manual, CD-ROM (PDF user's manual), Clamper, screws for mount option (Freemount Only) Swipplied Accessories AC adaptor, Signal cable (D-Sub-D-Sub), USB cable, setup manual, CD-ROM (PDF user's manual), Clamper, screws for mount option (Freemount Only)	Net Weight (Without Stand)	1.8 kg	2 kg
Certifications & Standard CB, CE, CTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, CCC, RCM, RoHS, WEEE, China RoHS, J-Moss Green mark Guideline AC adaptor, Signal cable (D-Sub-D-Sub), Setup manual, CD-ROM (PDF user's manual), Clamper, screws for mount option (Freemount Only) CB, CE, CTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, CCC, RCM, RoHS, WEEE, China RoHS, J-Moss Green mark Guideline AC adaptor, Signal cable (D-Sub-D-Sub), USB cable, setup manual, CD-ROM (PDF user's manual), Touch panel driver), clamper, screws for mount option (Freemount Only)	Tilt	30° Up, 0° Down	30° Up, 0° Down
ICÉS-003-B, TÚÝ/S, VCĆI-B, CCC, RCM, RoHS, WEEE, China RoHS, J-Moss Green mark Guideline Supplied Accessories AC adaptor, Signal cable (D-Sub-D-Sub), setup manual, CD-ROM (PDF user's manual), clamper, screws for mount option (Freemount Only) ICÉS-003-B, TÚÝ/S, VCĆI-B, CCC, RCM, RoHS, WEEE, China RoHS, J-Moss Green mark Guideline AC adaptor, Signal cable (D-Sub-D-Sub), USB cable, setup manual, CD-ROM (PDF user's manual), clamper, screws for mount option (Freemount Only)	Swivel	35° Right, 35° Left	35° Right, 35° Left
D-Sub), setup manual, CD-ROM (PDF user's manual), clamper, screws for mount option (Freemount Only) D-Sub), USB cable, setup manual, CD-ROM (PDF user's manual), Touch panel driven), clamper, screws for mount option (Freemount Only)	Certifications & Standard	ICES-003-B, TUV/S, VCCI-B, CCC, RCM, Rohs, Weee, China Rohs,	RCM, RoHS, WEEE, China RoHS,
Warranty Two Years Two Years	Supplied Accessories	D-Sub), setup manual, CD-ROM (PDF user's manual), clamper, screws for mount option	Touch panel driver), clamper, screws for mount option
	Warranty	Two Years	Two Years

Touch Panel

Туре	-	Analog resistive
Communication Protocol	-	USB 2.0 / RS-232C
Touch Life	-	10 million touches (minimum)
Compatible OS	-	Windows 7 (64bit, 32 bit) / Vista (32-bit) / XP (32-bit)