



## 12.1" Industrial Monitors **DuraVision®** FDX1203 / FDX1203T

Model 1203 / 1203T / 1203T / 1203T / 1203T / 1203T



## Highly Durable 12.1" 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 1000 cd/m<sup>2</sup> (780 cd/m<sup>2</sup> for the FDX1203T) ensures excellent screen visibility in bright ambient environments. The brightness is adjustable to as low as 0.5 cd/m<sup>2</sup>, 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, making them impervious to liquids and dust.



Monitor Top View

### **Touch Panel Variation**

The FDX1203T 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.



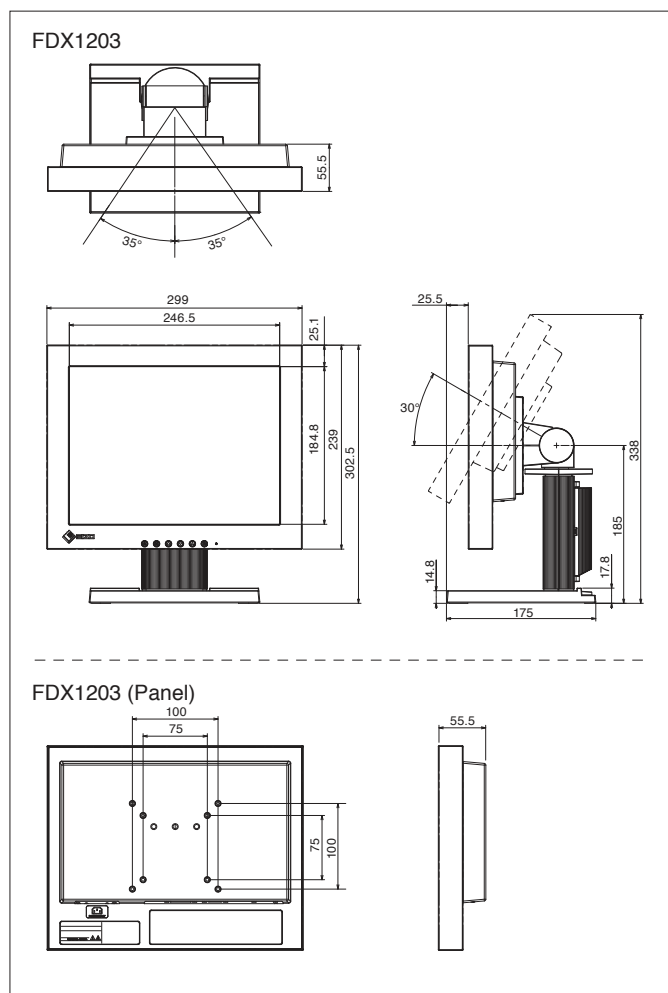
### **Flexible Positioning**

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

|                                       | Without Touch Panel                                                                                                                                                                                                                                                                                 | With Touch Panel                                                                                                                                                                                                                                                                                    |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       | FDX1203                                                                                                                                                                                                                                                                                             | FDX1203T                                                                                                                                                                                                                                                                                            |
| Model Variations                      | With Stand, Without Stand                                                                                                                                                                                                                                                                           | With Stand, Without Stand                                                                                                                                                                                                                                                                           |
| Cabinet Colors                        | Gray                                                                                                                                                                                                                                                                                                | Gray                                                                                                                                                                                                                                                                                                |
| Panel                                 | TN                                                                                                                                                                                                                                                                                                  | TN                                                                                                                                                                                                                                                                                                  |
| Size                                  | 12.1" / 31 cm (307 mm diagonal)                                                                                                                                                                                                                                                                     | 12.1" / 31 cm (307 mm diagonal)                                                                                                                                                                                                                                                                     |
| Native Resolution                     | 1024 x 768 (4:3 aspect ratio)                                                                                                                                                                                                                                                                       | 1024 x 768 (4:3 aspect ratio)                                                                                                                                                                                                                                                                       |
| Display Size (H x V)                  | 245.7 x 184.3 mm                                                                                                                                                                                                                                                                                    | 245.7 x 184.3 mm                                                                                                                                                                                                                                                                                    |
| Pixel Pitch                           | 0.240 x 0.240 mm                                                                                                                                                                                                                                                                                    | 0.240 x 0.240 mm                                                                                                                                                                                                                                                                                    |
| Display Colors                        | 16.7 million                                                                                                                                                                                                                                                                                        | 16.7 million                                                                                                                                                                                                                                                                                        |
| Viewing Angles (H / V, typical)       | 160°, 140°                                                                                                                                                                                                                                                                                          | 160°, 140°                                                                                                                                                                                                                                                                                          |
| Brightness (typical)                  | 1000 cd/m <sup>2</sup>                                                                                                                                                                                                                                                                              | 780 cd/m <sup>2</sup>                                                                                                                                                                                                                                                                               |
| Contrast Ratio (typical)              | 600:1                                                                                                                                                                                                                                                                                               | 600:1                                                                                                                                                                                                                                                                                               |
| Response Time (typical)               | 25 ms (Black-white-black)                                                                                                                                                                                                                                                                           | 25 ms (Black-white-black)                                                                                                                                                                                                                                                                           |
| Input Terminals                       | DVI-D 24 pin x 1 (with HDCP),<br>D-Sub mini 15 pin x 1                                                                                                                                                                                                                                              | DVI-D 24 pin x 1 (with HDCP),<br>D-Sub mini 15 pin x 1                                                                                                                                                                                                                                              |
| Digital Scanning Frequency (H / V)    | 31 - 49 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)                                                                                                                                                                                                                                                      | 31 - 49 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz)                                                                                                                                                                                                                                                      |
| Analog Scanning Frequency (H / V)     | 24 - 61 kHz, 55 - 76 kHz                                                                                                                                                                                                                                                                            | 24 - 61 kHz, 55 - 76 kHz                                                                                                                                                                                                                                                                            |
| Power Requirements                    | Monitor: DC 12 V<br>AC Adapter: AC 100 - 240 V, 50 / 60 Hz                                                                                                                                                                                                                                          | Monitor: DC 12 V<br>AC Adapter: AC 100 - 240 V, 50 / 60 Hz                                                                                                                                                                                                                                          |
| Maximum Power Consumption             | DC: 15 W<br>AC: 16 W                                                                                                                                                                                                                                                                                | DC: 15 W<br>AC: 16 W                                                                                                                                                                                                                                                                                |
| Standby Mode                          | DC: Less than 0.5 W<br>AC: Less than 1.0 W                                                                                                                                                                                                                                                          | DC: Less than 0.5 W<br>AC: Less than 1.0 W                                                                                                                                                                                                                                                          |
| Power Management                      | Power Save (VESA DPM and DVI DMPM), ECO Timer                                                                                                                                                                                                                                                       | 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, Saturation, Hue, Reset, Color Mode), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reverse, Reset | Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Temperature, Gain, Saturation, 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)     | 299 x 302.5 x 175 mm                                                                                                                                                                                                                                                                                | 299 x 302.5 x 175 mm                                                                                                                                                                                                                                                                                |
| Dimensions (Without Stand, W x H x D) | 299 x 239 x 55.5 mm                                                                                                                                                                                                                                                                                 | 299 x 239 x 55.5 mm                                                                                                                                                                                                                                                                                 |
| Net Weight                            | 3.7 kg                                                                                                                                                                                                                                                                                              | 3.9 kg                                                                                                                                                                                                                                                                                              |
| Net Weight (Without Stand)            | 2 kg                                                                                                                                                                                                                                                                                                | 2.2 kg                                                                                                                                                                                                                                                                                              |
| Tilt                                  | 30° Up, 0° Down                                                                                                                                                                                                                                                                                     | 30° Up, 0° Down                                                                                                                                                                                                                                                                                     |
| Swivel                                | 35° Right, 35° Left                                                                                                                                                                                                                                                                                 | 35° Right, 35° Left                                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                            | CB, CE, CTUVus, FCC-B, Canadian ICES-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), screws for mount option (Freemount Only)                                                                                                                                                                        | AC adaptor, Signal cable (D-Sub - D-Sub), USB cable, setup manual, CD-ROM (PDF user's manual, Touch panel driver), screws for mount option (Freemount Only)                                                                                                                                         |
| Warranty                              | Two Years                                                                                                                                                                                                                                                                                           | Two Years                                                                                                                                                                                                                                                                                           |

## Touch Panel

|                        |   |                                                          |
|------------------------|---|----------------------------------------------------------|
| Type                   | - | 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) |

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