







# 12.1" Durable, High-Brightness Monitors with 800 × 600 Resolution Panel for Industrial Workstation Terminals

#### **Durable Build**

The monitors are capable of withstanding 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, preventing dust and foreign objects from getting inside.

### **High-Brightness Display**

The maximum brightness of  $450 \text{ cd/m}^2$  for the DuraVision FDSV1201 and  $350 \text{ cd/m}^2$  for the DuraVision FDSV1201T offers high visibility even in bright ambient environments.

# **LED Backlight**

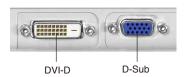
The monitors are equipped with energy-saving LED backlights that last longer and consume less power compared with conventional CCFL backlights. They are also mercury-free for minimal impact on the environment.

#### **Flexible Positioning**

The monitors can be installed facing up or down in positions from 0 - 90° for flexible placement. In addition, images can be viewed rotated at 180° using a function accessed via the monitor's front buttons for increased viewing flexibility.

# **Digital and Analog Inputs**

Both monitors are equipped with a digital DVI-D 24 pin and analog D-Sub mini 15 pin for connecting to a PC.



# **Touch Panel Model**

The touch model (FDSV1201T) 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 against dust and water compared to other touch technologies for high durability. Either the USB upstream or RS-232C port equipped with the touch model can be used for touch communication.

#### 2-Year Manufacturer's Warranty

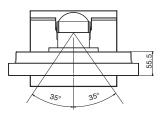
Both monitors are backed by a 2-year manufacturer's warranty for long-term reliability.

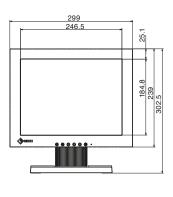


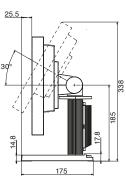
- Desktop (with tilt stand) and VESA mount versions available
- HDCP support
- Key lock support
- RoHS compliant

#### Dimensions (mm)

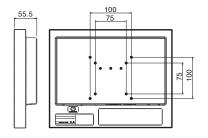
#### FDSV1201 / FDSV1201T







#### FDSV1201-F / FDSV1201T-F



#### SPECIFICATIONS

Models Model Variations Cabinet Color Panel Type Backlight Size Native Resolution Viewable Image Size (H x V)	FDSV1201 With Stand, Without Sta Gray	FDSV1201T and	
Cabinet Color Panel Type Backlight Size Native Resolution	Gray	and	
Panel Type Backlight Size Native Resolution	-		
Backlight Size Native Resolution	TN	•	
Size Native Resolution	***		
Native Resolution	LED		
	12.1" / 31 cm (307 mm diagonal)		
Viewahle Image Size /H v V/	800 x 600 (4:3 aspect ratio)		
VICWADIC IIIIAYC SIZC (II X V)	246.0 x 184.5 mm		
Pixel Pitch	0.3075 x 0.3075 mm		
Display Colors	16.2 million		
Viewing Angles (H / V, typical)	160°, 140°		
Brightness (typical)	450 cd/m <sup>2</sup>	360 cd/m <sup>2</sup>	
Contrast Ratio (typical)	700:1		
Response Time (typical)	10 ms (Black-white-black)		
Input Terminals	DVI-D 24 pin x 1 (with HDCP), D-Sub mini 15 pin x 1		
Digital Scanning Frequency (H / V)	31 - 38 kHz, 59 - 61 kHz (VGA Text: 69 - 71 Hz)		
Analog Scanning Frequency (H / V)	24 - 49 kHz, 55 - 76 kHz		
Sync Formats	Separate		
Power Requirements	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz		
Maximum Power Consumption	12 W		
Typical Power Consumption	4 W		
Power Save Mode	0.5 W		
Standby Mode	0.5 W		
Power Management	DVI DMPM, VESA DPM		
Preset Modes	User1, User2, sRGB		
Others	Color Adjustment (Brightness, Temperature, Gamma, Gain, Reset, Color Mode), Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Signal Switching, Eco Timer, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), Reset		
Dimensions (Landscape, W x H x D)	299 x 302.5 x 175 mm		
Dimensions (Without Stand, W x H x D)	299 x 239 x 55.5 mm		
Net Weight	3.6 kg	3.8 kg	
Net Weight (Without Stand)	2.0 kg	2.2 kg	
Tilt / Swivel	30° Up, 0° Down / 70°		
Hole Spacing (VESA Standard)	100 x 100 mm		
Operating Temperature	0 - 50 °C		
Operating Humidity (R.H., non condensing)	20 - 90%		
Certifications & Standards	CB, CE, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, C-tick, RoHS, WEEE, China RoHS		
Supplied Accessories	Signal cable (D-Sub - D-Sub), CD-ROM, setup manual	Signal cable (D-Sub - D-Sub), USB cable, CD-ROM, setup manual	
Warranty	Two Years		

# **Touch Panel**

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

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Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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