

# 10.4" (XGA) Sunlight Readable LCD Display

## Model No: DIS-10X

Our DIS standard format series, **Marine-grade** High Bright IP65 Rated of all side, VESA, Flush, U-Bracket mount displays are designed for use throughout a wide range of rugged applications. At all stages of the production process these displays are rigorously tested to ensure compliance with various industry standards, and are engineered to withstand the effects of continuous operation in harsh environments.

The **DIS-10X (10.4")** VESA, Flush, U-Bracket mount LCD Display is designed to operate in harsh environments and is ideally suited for a wide variety of industrial plant floor applications. The 1,000 nit high bright, HD LCD can display large amounts of critical production.

By integrating high quality components with robust and light weight casing (**Milled NEMA 4 (IP65) rated black powder coated beveled aluminum gasket sealed front bezel and machined rear enclosure and ROHS compliant**), anti - glare safety glass, High bright enhancements and touch- screen capabilities, the operated of **wide temperature has -30 °C to +70 °C** in our products continue to be dependable and demanding products in the competitive market today.



### Product Features

#### **IP65 rated enclosure sealed**

The all side are sealed to IP65 rating for water and dust resistance.

#### **Maximum Resolution**

1,024 x 768 pixels(XGA)

#### **Active Display Area**

210.4 x 157.8 mm

#### **Display Brightness**

1,000cd/m<sup>2</sup> type, 1,500cd/m<sup>2</sup> type

#### **View Angle**

89 ° / 89° / 89 ° / 89 °

#### **I/O Signal Input**

VGA, DVI, HDMI, CVBS, USB port

#### **Set Outline Dimension**

282(w) x 263(H) x 60(D) mm

#### **Set Weight**

3.0Kg

#### **Power Inputs**

Input to DC10V 38V 5A

Option: AC 100/ 250usage

### **DIZEN SYSTEMS**

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## DIS-10X SPECIFICATIONS

Display Description		Mechanical Description	
TFT Characteristics		<b>Dimensions</b>	282(W) x 263(H) x 60 (D) mm
		<b>Weight</b>	3.0 kg
<b>LCD Type</b>	10.4"AM TFT LCD	<b>Cases Water-proof</b>	Enclosure- IP 65(LEMA 4) Water-proof rated seal(all side)
<b>Max Resolution</b>	1,024 x 768 pixels (XGA)	<b>User Key Controls</b>	Front Fixed
<b>Active Display Area</b>	210.4(H) x 157.8(V) mm	<b>Sealed Rate</b>	Front view IP65,Rear view IP44
<b>Response Time</b>	5ms	<b>Panel Surface</b>	Anti- Reflective Coating
<b>Contrast Ratio</b>	1,000:1 type	<b>Elec. Components</b>	ROHS compliant
<b>Brightness</b>	1,000 cd/m <sup>2</sup> 1,500 cd/m <sup>2</sup>	<b>Certificate Approval</b>	
<b>Viewing Angle</b>	89° / 89°/89° / 89°	<b>ECDIS &amp; Radar Compliance</b>	
<b>Backlight Cycle</b>	80,000 hours type	IEC 61174	Pending
<b>Pixel Colors</b>	16.7 million	<b>EMC &amp; Safety</b>	
<b>Input Signal</b>	VGA, DVI-I,CVBS, HDMI	IEC60068/IEC60092	Pending
<b>Video Signal</b>	RGB 0.7-1.0Vp-p ,75ohm	EN 60950	Pending
<b>Composite Video</b>	PAL/NTSC & SECAM	<b>Marine Communications</b>	
<b>HDMI</b>	True to signal (Option: PIP/POP)	IEC 60945	Pending
<b>Resolution Support</b>			
<b>VESA Support</b>	640 x 480 VGA 800 x 600 SVGA 1024 x 768 XGA		
<b>Power Supply</b>	DC Voltage: 10V to DC38V Option: AC100/250V		
<b>Power Consumption</b>	20W (Max)	<b>Part Number</b>	
<b>Environmental</b>		<b>Monitor</b>	DIS10X-XX
<b>Operating Temp.</b>	-30 to +70 °C	<b>Pertinent</b>	
<b>Storage Temp.</b>	-30 to +80 °C		
<b>Operating Humidity</b>	5% to 90% (Non condensing)	Resistive touch screen	DIS10X-RT
<b>Storage Humidity</b>	5% to 90% (Non condensing)	P.Cap touch screen	DIS10X-PT
<b>Shock Vibration</b>	+/-1mm, 2 to 13Hz: 0.7g, 13 to 100Hz		
Estimated EN60945 test. We do not recommend routine operation at extreme temperatures			

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