# Full IP66 Panel Mount Dust and Waterproof LCD





All Weather



Powerful Water Jets Protected



Extended Temperature



Vibration Safeguards



Shock Safeguards



Low Power

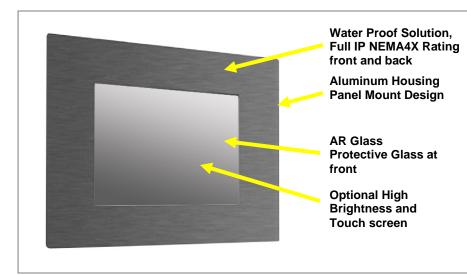


Wide Viewing

#### Features:

- Modular mechanism design provides flexible product configuration and easy maintenance.
- Optional to built-in touch screen for interactive application.
- Available with auto-brightness sensor offers application in day and night.
- IP66 Compliant
- Able to protect against powerful water jets
- Complete custom design/solution for OEM customers

#### Rugged Completely Sealed IP66/NEMA4X Panel Mount LCD Monitor



- \* IP66 Water and Dust proof connection for a higher protection
- \* All Connectors are facing backward



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## **Specification:**

1	_				
Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating			
	Aspect Ratio / Size	Wide / 42" viewable diagonal area			
	Active Area / Pixel Pitch	930.24(H) x 523.26(V) mm / 0.4845(H) x 0.4845(V) mm			
	Native Resolution / Colors	1920(H) x 1080(V) / 16.7Million 350 cd/m <sup>2</sup> (typ) / 3000 : 1 8 ms			
	Brightness / Contrast				
	Response Time				
	Viewing Angle (typical)	H. 1780 (- 890 ~ + 890) , V. 1780(- 890 ~ + 890)			
	Light Source	LED backlight, Long life, 35,000 hrs (typ)			
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V <sub>p-p</sub> , 75 ohms)		
		Sync	Separate Sync, Composite Sync, Sync On Green		
		Frequency	F <sub>h</sub> : 30 - 82Khz, F <sub>v</sub> : 50 -75Hz		
	Audio System	2W speaker x 2			
Input Terminals	1 x VGA , 1 x DVI, 1 x HDMI,	, 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug			
Convenient Features	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)				
	OSD Multi-Languages, Wall	Il Mount Ready (VESA 75 x 75 mm)			
Power	Internal power supply with ur	ower supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz			
Power Consumption	Operation / Power Saving	202 watt , < 5 watt (Support DPMS)			
Operating Condition	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)			
Storage Condition	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation)			
Certification		FCC, CE			
Dimensions	Physical	$W \times H \times D = TBD$			
	Carton	$W \times H \times D = TBD$			
Weight	N.W. / G.W.	30.5 Kgs / 32.5 Kgs			
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)			
		•	•		

Options	Touch	Video / TV	Enhanced Panel	Others
	Resistive touch	SV + AV	Panel with LED backlight	Digital Signage(Stand alone)
	Capacitive touch	SV + AV + AV Looping	High brightness panel	Networking Digital Signage
	SAW touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Infrared touch		Sunlight Readable	Light Sensor
	Protected glass			Auto-Dimming

## **Applications:**

- Automation
- **Batch Processing**
- **Commercial Broadcast Operations**
- Man Machine Interface (MMI) Operation
- Electronic Flight Bag (EFB) Food Processing GPS Mapping Systems

- Inspection Systems

### **LCD Options:**



#### **LED Backlight Options**

Introducing LED backlight options for monitors for energy efficiency and a brighter screen.



#### **VIDEO Input Options:**

For Video inputs options:

DVI, DVI+HDMI, SVideo+AV, SVideo+AV+DVI, AV+Looping, DVI+AV+Looping, HD-SDI, BNC(PAL/NTSC)



#### **Optical Bonding Options**

- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.



#### **RS-232 Remote Control Options**

Remote Control Protocol: Command Code to set system



#### 9-36V DC Input Options

iTech offers a selection of DC input from 9V to 36V



**Light Sensor and Motion Sensor Options**iTech LCD offers Light and Motion Sensor

#### **Privacy Filter**

Front Glass Options:

- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm