

Ruggedized LCD Display

8.4" SVGA Panel, 1024x768, Full IP65,
Anti-Reflection Protection Glass, 12V
DC lockable connector, 300nits
(Model: WRD0840M2)

Features:

- High Quality 8.4" XGA Panel, 1024x768 resolution
- Full IP65 Dust/Water Proof Enclosures (Except I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL810F & IEC60068-2-27
- 5 Wire Resistive /Anti-Reflective Protection Glass (Optional)
- Wide Range 8 to 36V DC Input Acceptable (Optional)
- Extended Temperature Range (Optional)



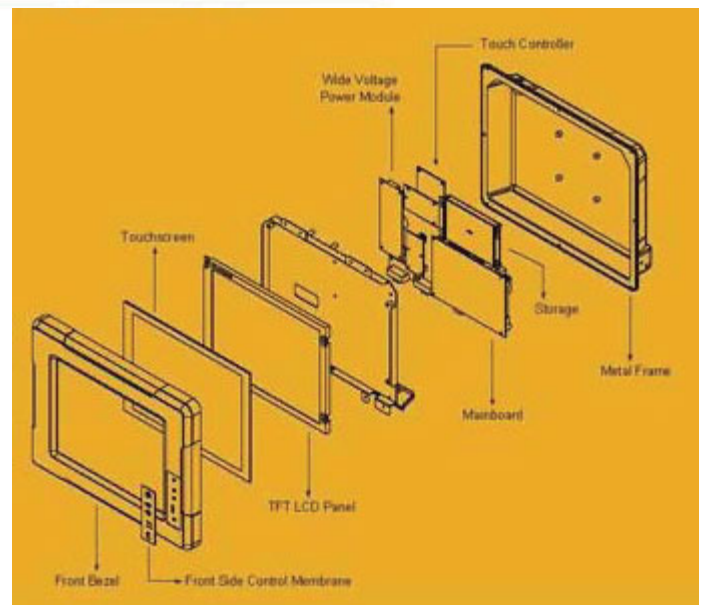
Optional for Mounting Bracket



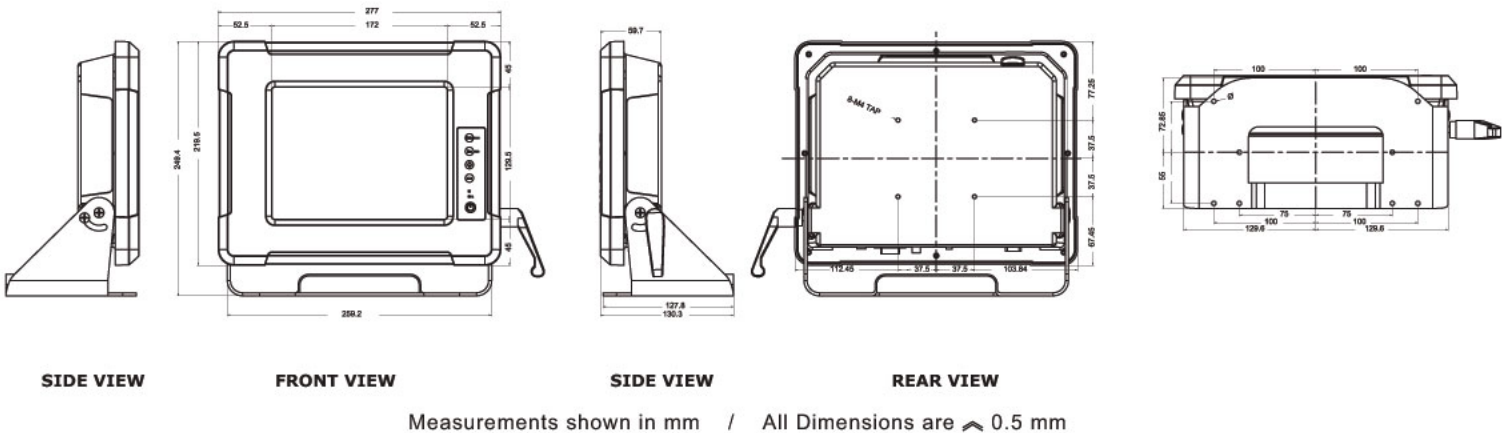
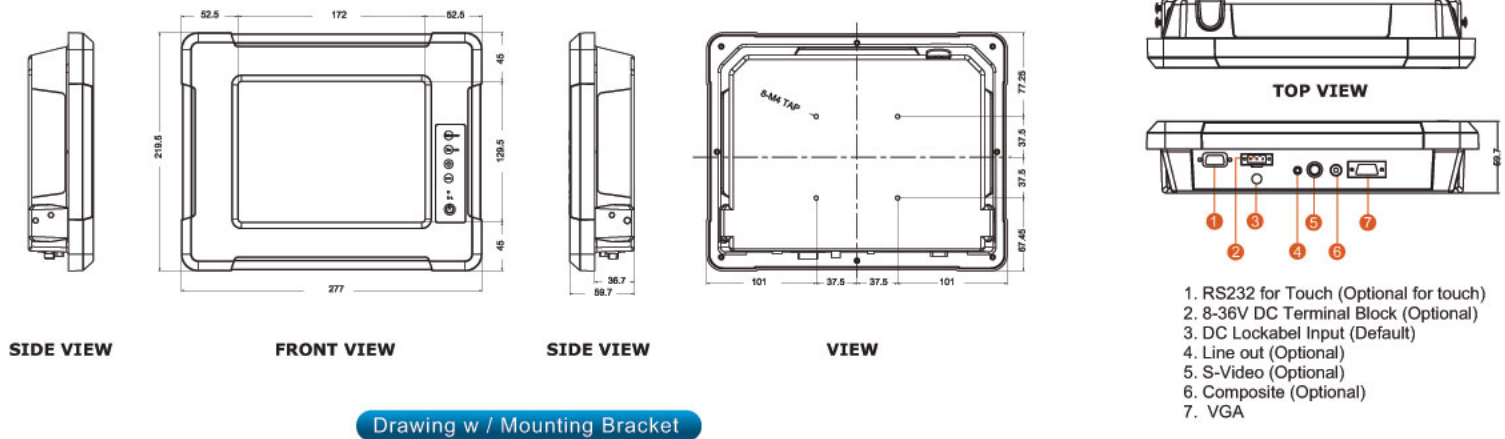
FRONT VIEW



BOTTOM VIEW



Mechanical Drawing:



* Note: this is a simplified drawing and some components are not marked in detail.
Please contact our sales representative if you need further product information.

Display Characteristics

Pixel Number	1024 x 768
Pixel Pitch (mm)	0.213 (H) x 0.213 (V) mm
Contrast Ratio	400 : 1 (typ.)
Brightness	300 cd/m ² (typ.)
Viewable Angle (CR $\geq$ 10)	-65~65 (H); -50~60 (V)
Active Display Area	171.264(H) x 128.448(V) mm
Max Colors	262,144 (6bits/color)
Touch (Optional)	5 Wire Resistive / IT Touch

Mechanical and Environment

Dimensions (W x L x H)	277 mm x 219.5 mm x 59.7mm
Power Input	12V DC w/ lockable connector
Power Consumption	25W typ.
Operating Temperature	-10 deg.C to 55 deg.C
Operating Humidity	10% to 95% (non condensing)
Mounting	VESA mount, Vehicle mount
Shock	Operating: 30g for 18ms, 300m/s ²
Vibration	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz

I/O Connectors

Back Panel I/O Port	1 x VGA (DB-15)
	1 x DC-in Jack (Lockable)
	1 x RS232 for Touch Screen (Optional w/ touch)

Certificates

CE
FCC Class B
MIL810F / IEC60068-2-27 for Vibration / Shock

In Front Control

Control Button	Menu / Enter Button Auto-adjust / Esc Button Brightness Up / Increase Button Brightness Down / Decrease Button Display Power Button
Led indicator	Power On / Off Display Sleep

Product Optional items

Mounting Bracket and Kits	One robust bracket with locking handle (Can adjust from -5deg. to 90deg.)
Video Input	Composite Video, S-Video for optional
Audio Out	Audio Line out for optional
Sunlight Readable	Transflective film enhancement for optional N/A
Wide Temperature	Extended temperature -20 to 60 deg. C module build-in for optional
Anti-reflective Glass	3mm Anti-reflective Protection Glass (w/o Touch)
Wide Power Input Range	8V to 36V wide range acceptable for optional
Terminal Block	Pluggable 3pin terminal block power input