

G-WIN[®] Ruggedized LCD Display

Model Number : R10L110-VMP3



FRONT VIEW

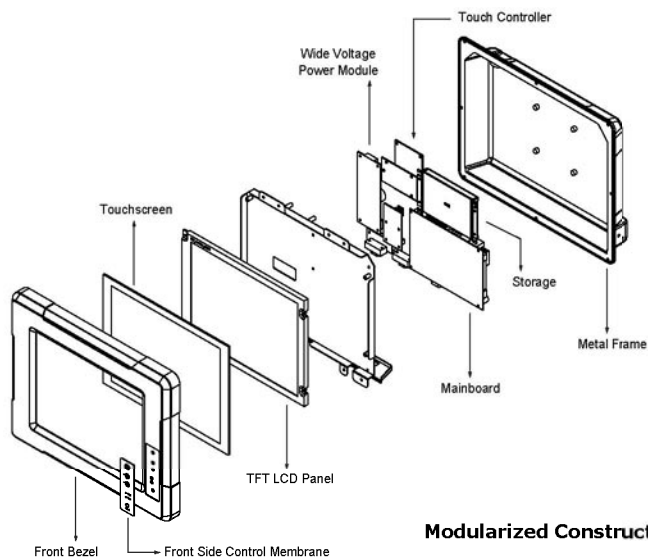


Features :

- High Quality 10.4" SVGA Panel, 640x480 resolution
- 5 Wire Resistive Touchscreen / Anti-Reflective Protection Glass for option
- 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
- Wide Range 8 to 36V DC Input Acceptable
- Transflective Sunlight Readable and Extended Temperature Range Options

G-WIN[®] Ruggedized LCD Display

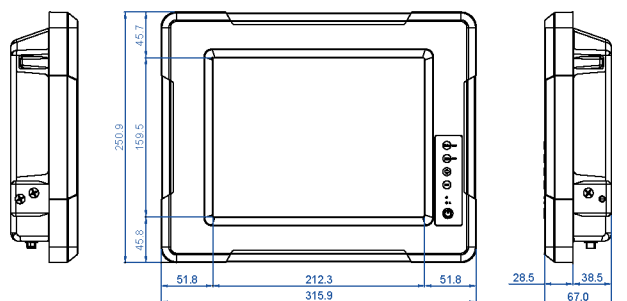
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Modularized Construction



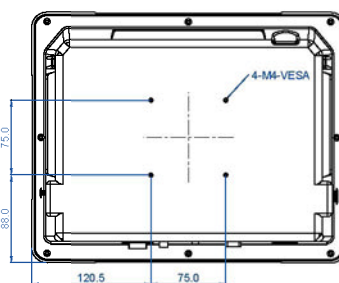
Vehicle Mount



SIDE VIEW

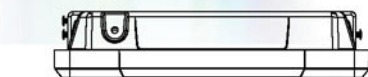
FRONT VIEW

SIDE VIEW

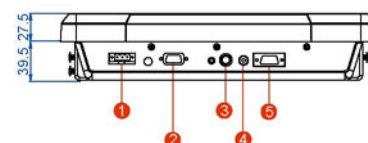


VIEW

Measurements shown in mm
All Dimensions are ± 0.5 mm



TOP VIEW



1. 8-36V DC Terminal Block
2. RS232 for Touch
3. S-Video
4. Composite
5. VGA

BOTTOM VIEW

Display Characteristics

Pixel Number	640x480
Pixel Pitch (RGB)	0.33 (H)x0.33 (V)
Contrast Ratio	500:1 (typ.)
Light Intensity	500 (typ.)
Viewing Angles	-65~65 (H); -45~45 (V)
Active Display Area	211.2 (H)x158.4 (V)
Max Colors	262,144 (6bits/color)
Touch	5 Wire Resistive / IR Touch

I/O Connectors

Back Panel I/O Port	1 x VGA (DB-15) 1 x Composite Video (RCA phono plug) 1 x S-Video (SVHS plug) 1 x DC-in Jack (Lockable) 1 x RS232 for Touch Screen
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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

Mechanical and Environment

Dimensions (W x L x H)	315 mm x 250 mm x 67mm
Power Input	DC 8V to 36V with lockable connector
Power Consumption	20W typ.
Operating Temperature	-10 deg.C to 55 deg.C
Operating Humidity	10% to 95% (non condensing)
Mounting	VESA mount, Vehicle mount
Shock	Operating: 15g for 11ms, 150m/s ²
Vibration	Operating: 2.18/1.60/1.96 g rms for XYZ / 5-500Hz

Certifications

CE
FCC ClassB
MIL810F/ IEC60068-2-27 for Vibration / Shock

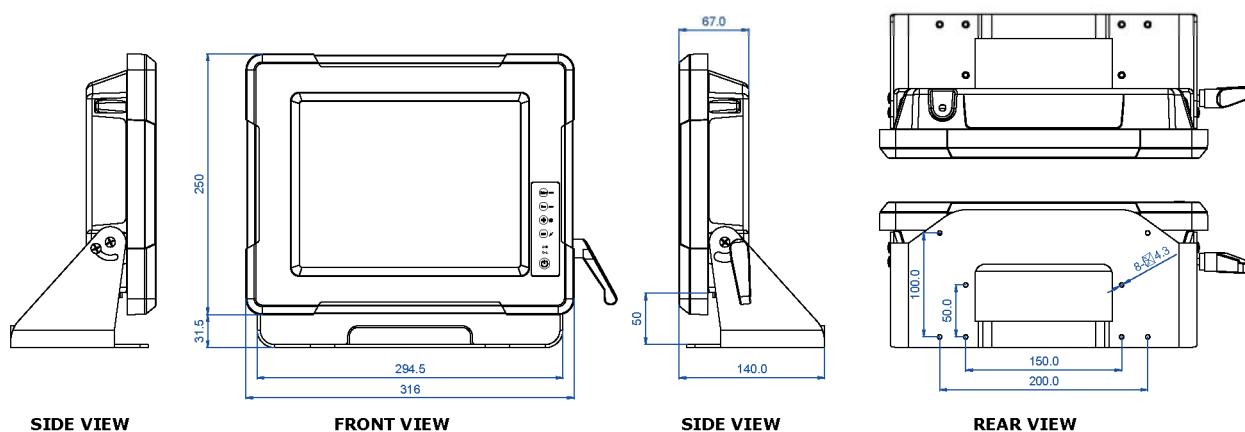
Packing List

- 1x LCD Display Unit
- 1x D-SUB 15pin VGA Cable
- 1x D-SUB 9pin RS232 Cable for Touch Screen
- 1x S-Video Cable
- 1x Composite Cable
- 1x Touch Driver Utility CD
- 1x LCD User Guide
- 1x Transflective LCD User Guide (Optional)

Options

Accessory	Description
Mounting Bracket and Kits	One robust bracket with locking handle (can adjust from -5deg. to 90deg.)

Drawing with Mounting Bracket :



Measurements shown in mm
All Dimensions are ± 0.5 mm

Ordering Information

Model Number	Description
R10L110-VMP3 / AT	10.4" Rugged LCD Display w/ 5 wire resistive touch screen
R10L110-VMP3 / IR	10.4" Rugged LCD Display w/ Infrared (IR) touch screen
R10L110-VMP3 / AR	10.4" Rugged LCD Display w/ Anti-reflection protection glass
R10L110-VMP3 / WT	10.4" Rugged LCD Display w/ Extended temperature -20 to 60 deg. C module build-in
R10L110-VMP3 / TB	10.4" Rugged LCD Display w/ Pluggable 3pin terminal block power input

Note: Choose the product with a series of model number as R10L110-VMM2/ XX/ XX/ XX