

G-WIN[®] Ruggedized LCD Display

Model Number : R10L110-VMP1



FRONT VIEW

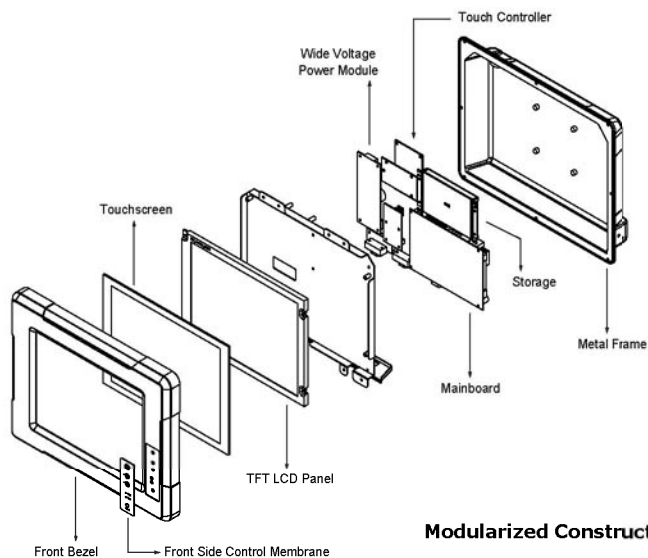


Features :

- High Quality 10.4" SVGA Panel, 800x600 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

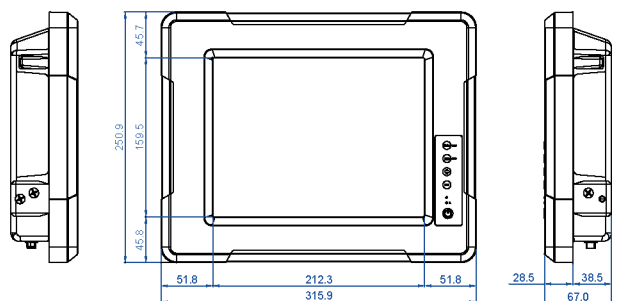
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Modularized Construction



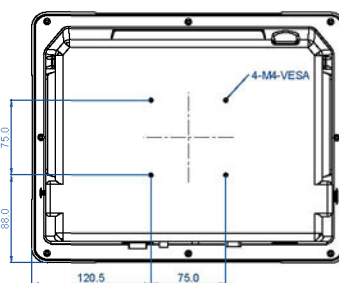
Vehicle Mount



SIDE VIEW

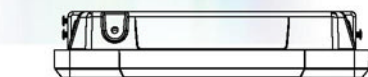
FRONT VIEW

SIDE VIEW

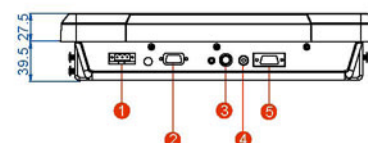


VIEW

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	800 x 600
Pixel Pitch (RGB)	0.264(H) x 0.264(V)
Contrast Ratio	500:1 (typ.)
Light Intensity	500 cd/m ² (typ.)
Viewing Angles	-60~60(H); -60~40(V)
Active Display Area	211.2(H) x 158.4(V)
Max Colors	262,144 (6bit/colors)
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

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	Operating: 15g for 11ms, 150m/s ²
Shock	VESA mount, Vehicle mount
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

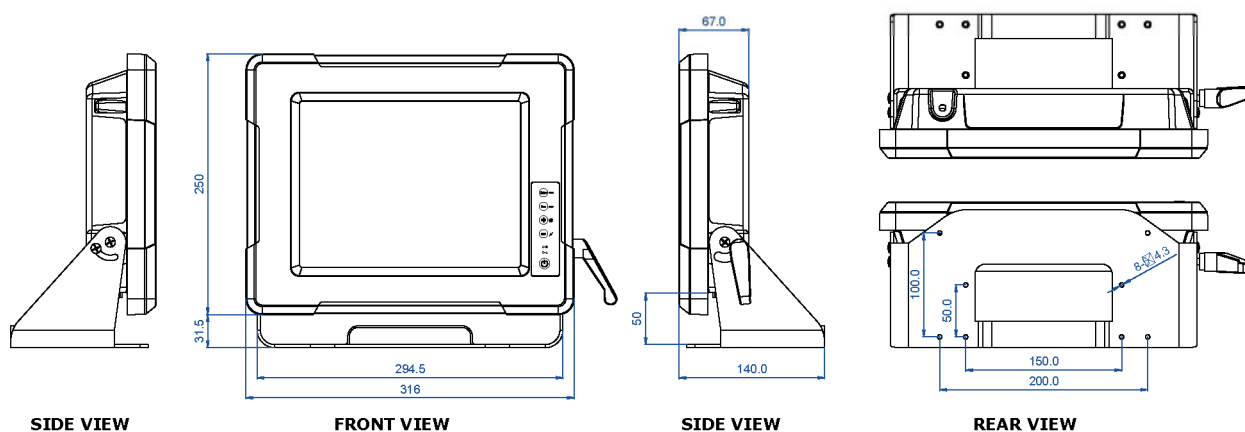
Packing List

- 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-VMP1/ AT	10.4" Rugged LCD Display w/ 5 wire resistive touch screen
R10L110-VMP1/ IR	10.4" Rugged LCD Display w/ Infrared (IR) touch screen
R10L110-VMP1/ AR	10.4" Rugged LCD Display w/ Anti-reflection protection glass
R10L110-VMP1/ WT	10.4" Rugged LCD Display w/ Extended temperature -20 to 60 deg. C module build-in
R10L110-VMP1/ 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