IP67 G-Win Display

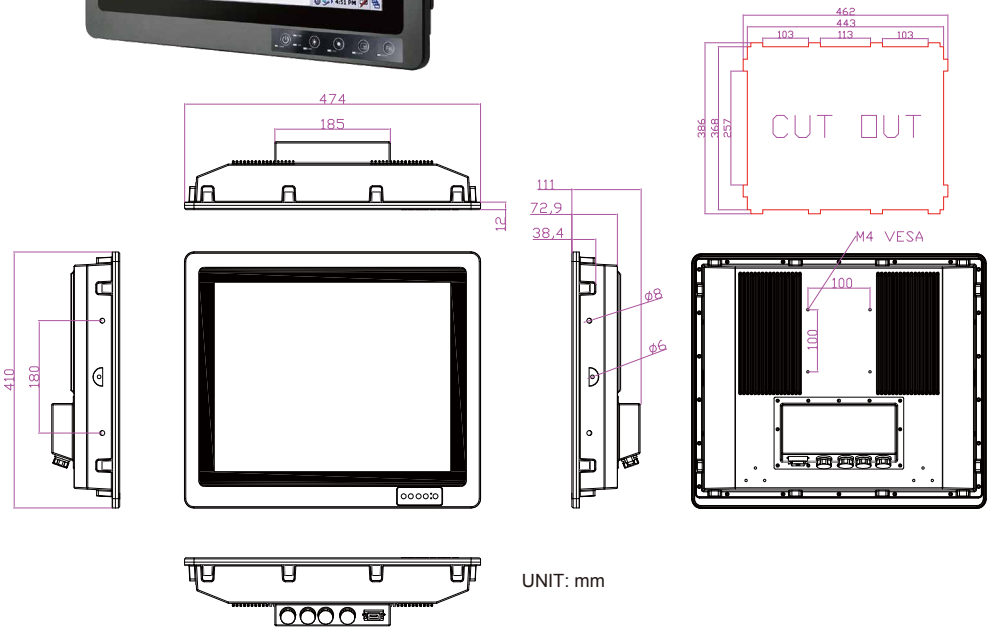
Flat Touch Panel Mount Display — MODEL : R19L100-67FTP(HB)

Mechanical Design

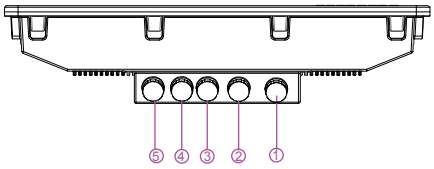


Features

- Totally sealed IP67 aluminum compact housing design
- 19-inch 1280x1024 panel with Projected Capacitive Touch
- -10°C to 60°C wide operating temperature
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Rugged Front Anti-Impact Design
- Front control membrane keys Lockable by software
- Full IP67 male connectors with external female cables
- Optical Bonding with Panel and Touch



UNIT: mm



1.IP67 sealed HDMI (Optional)
2.IP67 sealed VGA Input
3.IP67 sealed COM for remote control (Optional)
4.IP67 USB for Touch
5.IP67 sealed 9~36V DC in

* 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.

System Specifications :

- Model Name : R19L100-67FTP
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m^2 (typ.) for R19L100-67FTP
  1000 cd/m^2 (optional)
  for R19L100-67FTPHB (High Brightness)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H);-80~80(V)
- Max Colors : 16.7M
- Recommended Resolution : 1280 x 1024 @ 60Hz~75Hz
- Signal Input : 15 pin D-Sub
- Power Input : 9~36V DC in, with External AC to DC Adapter(100-240V AC)
- Touch Screen : Projected Capacitive (Optionl AR Pretection glass)

Standards and Certifications

- CE
- FCC
- Shock : Compliant with MIL-STD-810G Method 516.6
- Vibration : Compliant with MIL-STD-810G Method 514.6

Mechanical Specification :

- Mechanical Housing : Panel Mount
- Dimension(W x H x D) : 474mm x 410mm x 143.5mm
- Gross Weight : 13.5 kg
- Net Weight : 10.0 kg

Power Specifications :

- Power Input : 9~36V DC input

Environment Considerations :

- Operating Temperature : -10 deg.C to 60 deg.C
- Operating Humidity : 5 to 95%

Full IP67 Connectors :

- 1 x IP67 grade Connectors for HDMI (Optional)
- 1 x IP67 grade Connectors for DC 9~36V in
- 1 x IP67 grade Connectors for RS232 Remote Control (Optional)
- 1 x IP67 grade Connectors USB for Touch Screen
- 1 x IP67 grade Connectors for VGA signal in

Accessories :

- 1 x Driver & Manual CD
- 1 x AC to DC 12V 50W Power Adapter
- 4 x IP67 External Cables (USB / VGA / COM (Optional) / Power)

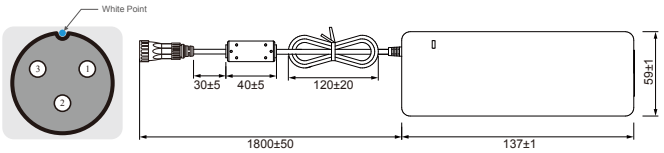
FC CE RoHS COMPLIANT 2011/65/EU

IP67 G-Win Display

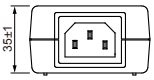
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Pin Definition

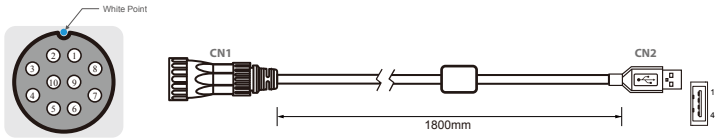
Power Cable



Pin No.	Symbols	Color
CN1-3	GND	Black
CN1-2	shield	
CN1-1	VCC	White



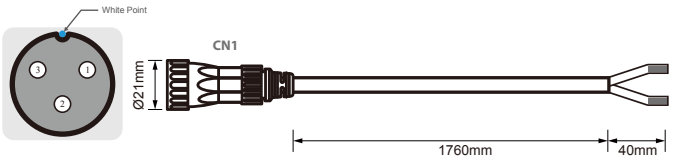
USB Cable (For Touch)



Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	VCC	RED	CN2-1	VCC	RED
CN1-2	D-	WHITE	CN2-2	D-	WHITE
CN1-3	D+	GREN	CN2-3	D+	GREN
CN1-4	GND	BLACK	CN2-4	GND	BLACK
CN1-5	Shield		CN2	Shield	

Twist

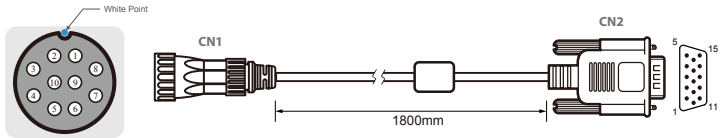
Power Cable



Pin No.	Symbols	Color		Pin No.	Symbols	Color
CN1-1	VCC	Red	⟷	Open	VCC	Red
CN1-3	GND	Black	⟷	Open	GND	Black
CN1-2	Shield				Shield	

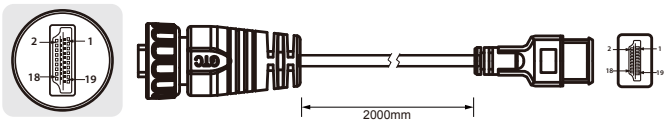
Short

VGA Cable



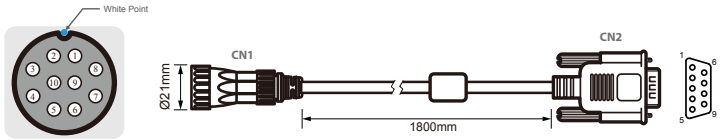
CN1				CN2		
Pin No.	Symbols	Color		Pin No.	Symbols	Color
1	R	Red	⟷	1	R	Red
2	R-GIND	Black	⟷	6	R-GIND	Black
3	G	Green	⟷	2	G	Green
4	G-GND	Black	⟷	7	G-GND	Black
5	B	Blue	⟷	3	B	Blue
6	B-GND	Black	⟷	8	B-GND	Black
7	SDA	Yellow	⟷	12	SDA	Yellow
8	HS	Orange	⟷	13	HS	Orange
9	VS	White	⟷	14	VS	White
10	SCL	Brown	⟷	15	SCL	Brown
				4	HS-GDN	
				5	NC	
				9	NC	
				10	NC	
				11	VS-GDN	

HDMI Cable



1	Brown	1		10	Blue	10	
2	Drain	2		11	Drain	11	
3	White	3		12	White	12	
4	Red	4		13	Black	13	
5	Drain	5		14	Red	14	
6	White	6		15	Orange	15	
7	Green	7		16	Yellow	16	
8	Drain	8		17	Drain	17	
9	White	9		18	Purple	18	
				19	White	19	
				Shell	Drain+Braid	Shell	
Plug		Conn.		Plug		Conn.	

RS232(for remote control) Cable



Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1	DCD-CON2	Green	CN2-1	DCD-CON2	Green
CN1-2	DSR-CON2	Brown	CN2-6	DSR-CON2	Brown
CN1-3	RXD-CON2	Red	CN2-2	RXD-CON2	Red
CN1-4	RTS-CON2	Orange	CN2-7	RTS-CON2	Orange
CN1-5	TXD-CON2	Blue	CN2-3	TXD-CON2	Blue
CN1-6	CTS-CON2	White	CN2-8	CTS-CON2	White
CN1-7	DTR-CON2	Purple	CN2-4	DTR-CON2	Purple
CN1-8	RI-CON2	Yellow	CN2-9	RI-CON2	Yellow
CN1-9	GND-CON2	Black	CN2-5	GND-CON2	Black
CN1-10	NC				