

R15L100-SPC369-P, 15-inch Stainless P-Series Display

Stainless IP69K with Waterproof Conduit Solutions

Winmate provides 15-inch IP69K Stainless Steel Display with a waterproof conduit pipe for added cable protection. The IP69K series is built to withstand extensive wash downs with corrosion resistance against cleaning agents, especially against close-range high-pressure, high temperature wash downs. The level of protection allows for easy cleaning and sterilization using water with temperatures of up to 80°C and pressure of up to 30 Bar. A custom-built waterproof conduit pipe was also provided for the customer with a cover plate, allowing for an additional layer of protection for the cables.



** Yoke mount Stand kit is an option. accessory.*

Highlights

- Projected capacitive multi-touch screen
- Waterproof Conduit pipe for extra protection
- True flat, easy-to-clean front surface
- IP69K water and dust proof, allows high pressure and high temperature cleaning
- SUS 316 / AISI 316 stainless steel for food and chemical industries
- Multiple mounting solutions for different scenario applications
- Supports VESA mount, Panel mount and optional Yoke mount stand

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Display Specification

Size	15"
Resolution	1024 x 768
Contrast Ratio	2000:1
Brightness	300 nits
Viewing Angle	-88~88 (H); -88~88(V)
Max Colors	16.2M
Touch	Projected Capacitive Multi-Touch (P-CAP) Anti-glare coating (Optional)

Interface

USB Ports	1 x USB for Touch
HDMI	1 x HDMI input (Optional)
VGA	1 x VGA

Keyboard and Input

Physical Buttons	5 Keys: -, +, Power, Esc, Enter
LED Indicators	Power & Stand by
Touch	P-Cap

Standards and Certification

EMC	CE, FCC
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Power Management

Power Input	12V DC input with AC to DC Adapter Optional 9~36V DC input with 3 pin phoenix connector
Power Consumption	18W (typ.)(Max.backlight and high CPU load)
AC Adapter	100~240V AC to 12V DC Adapter

Mechanical Specifications

Dimensions	356 x 280 x 56mm
Cutout	338 x 262mm
Cooling System	Fanless design
Housing	SUS 316/ AISI 316 stainless steel
Mounting	VESA Mount (100x100mm), Panel mount, optional Yoke mount stand

Environment

Operating Temperature	0 °C to 45 °C
Storage Temperature	-10 °C to 60 °C
Operating Humidity	10% to 95% (non condensing)
IP Rating	IP69K

Accessories

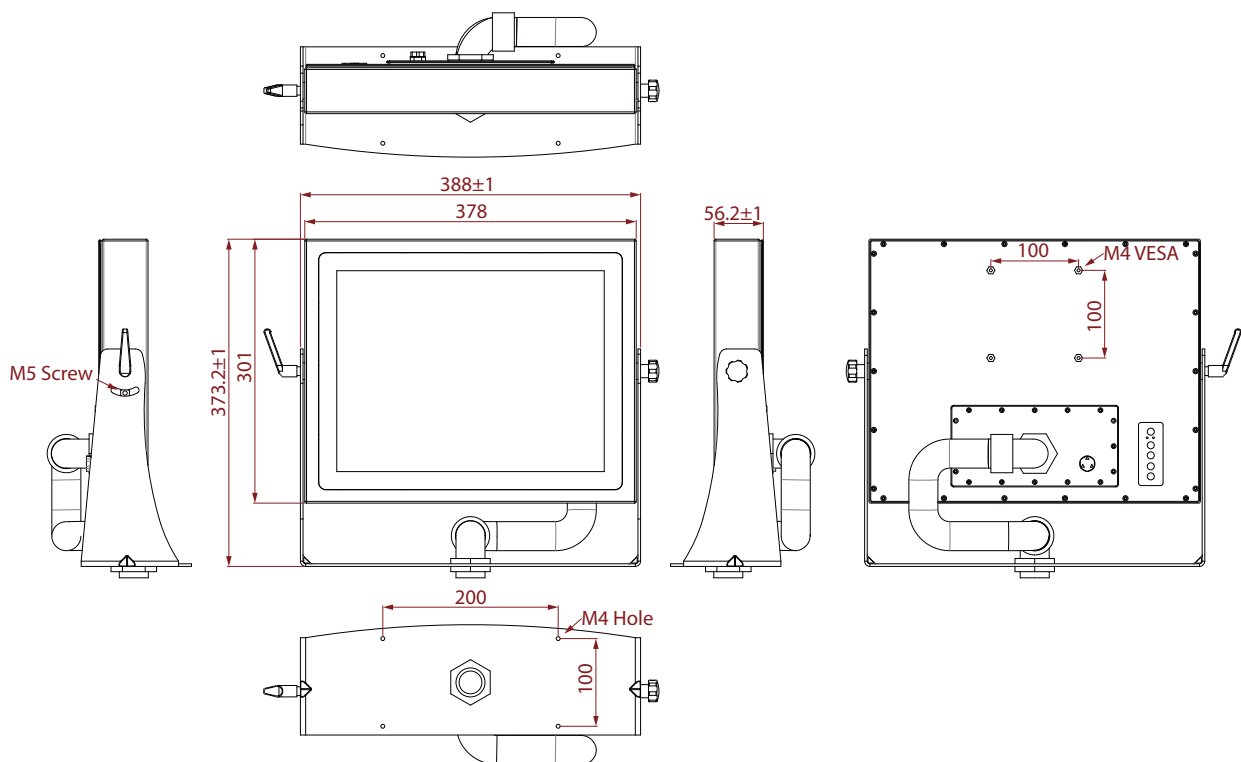
Standard

- 1 x Waterproof Conduit 1.5 m
- 2 x Elbow for Connect the Conduit
- 1 x AC to DC Power Adapter with Power Cord
- 1 x External USB Cable for Touchscreen Control
- 1 x External RJ45 Cable
- D-sub to RJ45 Adaptor for VGA Port
- Open wire cable for phoenix connector (Default for 9~36V DC input SKU)

Optional

- Yoke Mount Stand Kit

Drawing



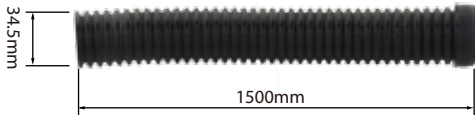
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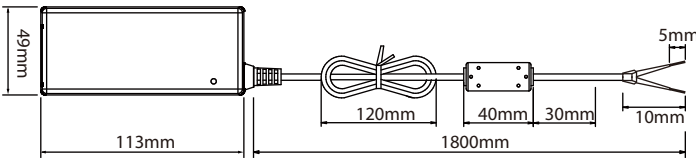
Stainless IP69K with Waterproof Conduit Solutions

Accessories

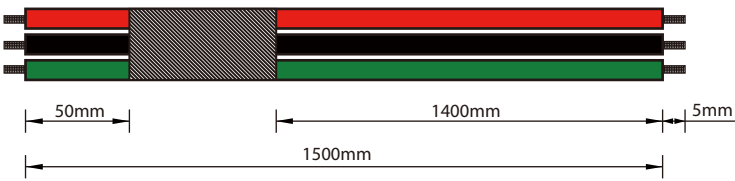
Waterproof Conduit 1.5m



AC to DC power adapter



Open wire cable for phoenix connector (Default for 9~36V DC input sku)



Pin No.	Symbols	Color	Pin No.	Symbols	Color
Open wire 5mm	Red	↔	Open wire 5mm	Red	
Open wire 5mm	Black	↔	Open wire 5mm	Black	
Open wire 5mm	Green	↔	Open wire 5mm	Green	

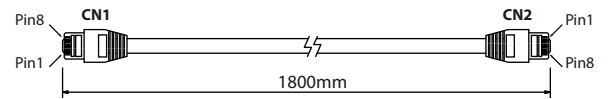
D-sub to RJ45 Adaptor



Elbow for connect the conduit

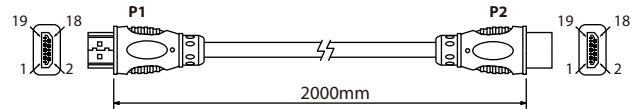


RJ45 Cable



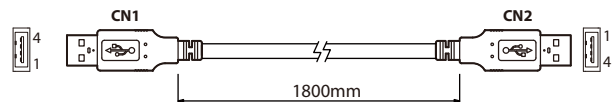
Pin No.	Symbols	Color	Pin No.	Symbols	Color	
CN1-1		White/Orange	↔	CN2-1	White/Orange	Twisted pairs
CN1-2		Orange	↔	CN2-2	Orange	
CN1-3		White/Green	↔	CN2-3	White/Orange	Twisted pairs
CN1-4		Blue	↔	CN2-4	Blue	
CN1-5		White/Blue	↔	CN2-5	White/Blue	Twisted pairs
CN1-6		Green	↔	CN2-6	Green	
CN1-7		White/Brown	↔	CN2-7	White/Brown	Twisted pairs
CN1-8		Brown	↔	CN2-8	Brown	

HDMI Cable



Pin No.	Color	Pin No.	Color
1	Brown	1	Blue
2	Drain	2	Drain
3	White	3	White
4	Red	4	Black
5	Drain	5	Red
6	White	6	Orange
7	Green	7	Yellow
8	Drain	8	Drain
9	White	9	Purple
Shell		10	White
Shell		11	Drain+Braid
Shell		12	
Shell		13	
Shell		14	
Shell		15	
Shell		16	
Shell		17	
Shell		18	
Shell		19	
Shell		Shell	

USB Cable



Pin No.	Symbols	Color	Pin No.	Symbols	Color	
CN1-1	USB-VBUS	Red	↔	CN2-1	USB-VBUS	Red
CN1-2	USB-D-	White	↔	CN2-2	USB-D-	White
CN1-3	USB-D+	Green	↔	CN2-3	USB-D+	Green
CN1-4	USB-GND	Black	↔	CN2-4	USB-GND	Black
CN1-5	Braid		↔	CN2-5	Braid	