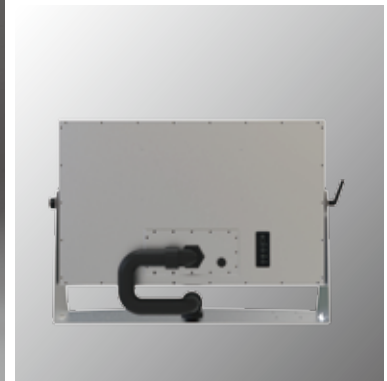


# W22L100-SPA369-P, 21.5-inch Stainless P-Series Display

## Stainless IP69K with Waterproof Conduit Solutions

Winmate provides 21.5-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

# W22L100-SPA369-P, 21.5-inch Stainless P-Series Display

## Stainless IP69K with Waterproof Conduit Solutions

### Display Specification

Resolution	1920 x 1080
Contrast Ratio	3000:1
Brightness	250 nits
Viewing Angle	-89~89 (H); -89~89 (V)
Max Colors	16.7M
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

### Power Management

Power Input	12V DC input with AC to DC Adapter Optional 9~36V DC input with 3 pin phoenix connector
Power Consumption	29W (typ.)(Max.backlight and high CPU load)
AC Adapter	100~240V AC to 12V DC Adapter

### Standards and Certification

EMC	CE, FCC
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### Mechanical Specifications

Dimensions	531 x 322 x 56mm
Cutout	513 x 304mm
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

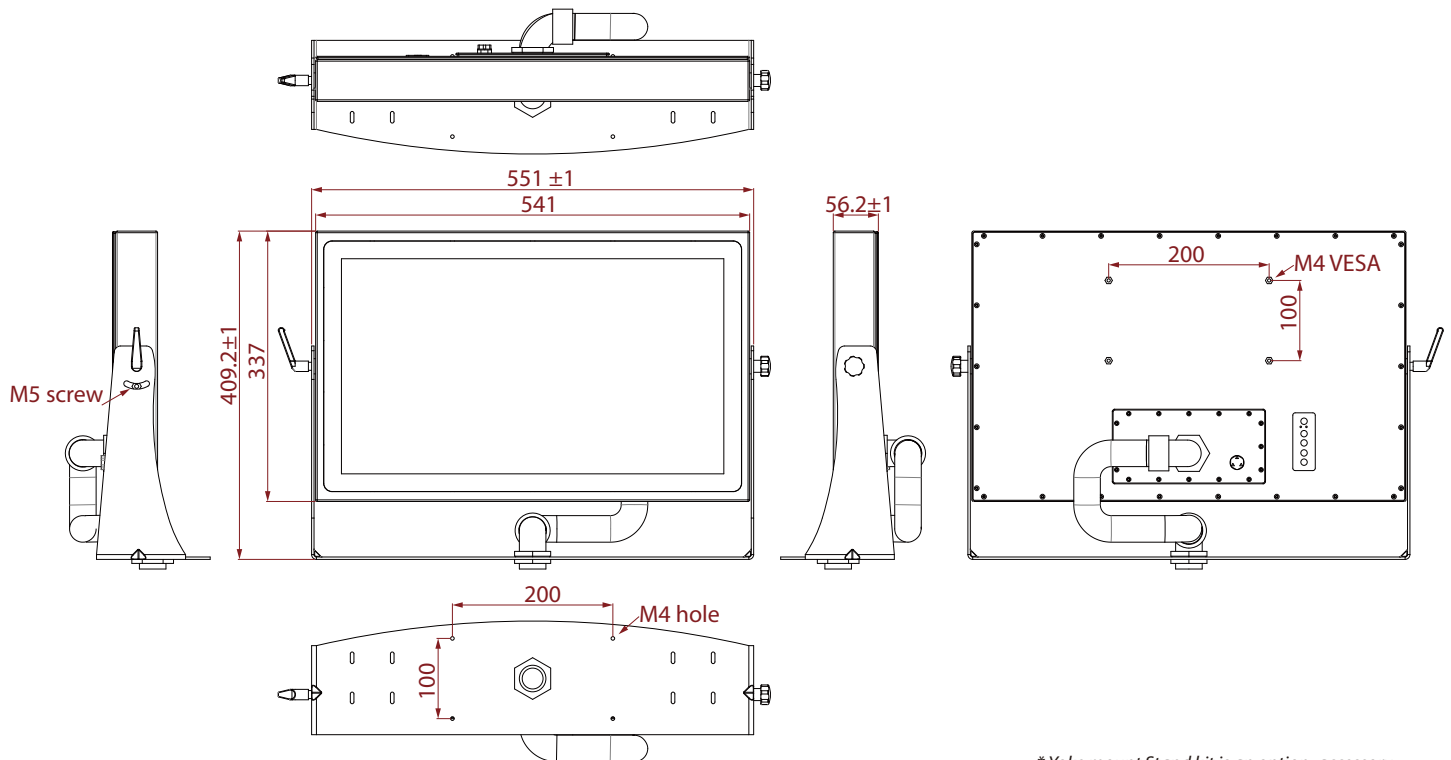
#### Standard

- 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
- 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



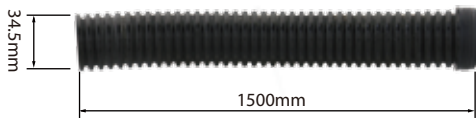
\* Yoke mount Stand kit is an option. accessory.

# W22L100-SPA369-P, 21.5-inch Stainless P-Series Display

Stainless IP69K with Waterproof Conduit Solutions

## Accessories

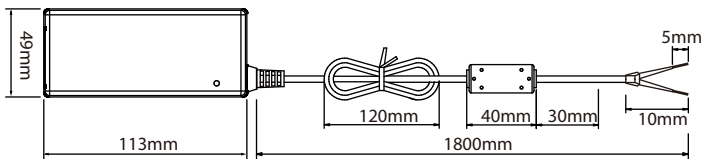
### Waterproof Conduit 1.5m



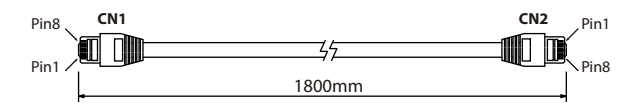
### Elbow for connect the conduit



### AC to DC power adapter



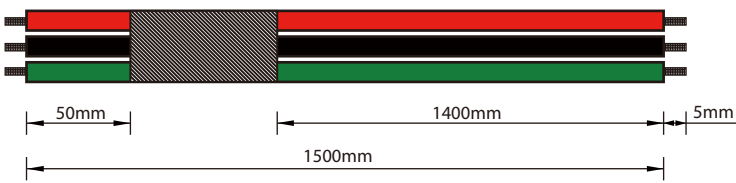
### RJ45 Cable



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

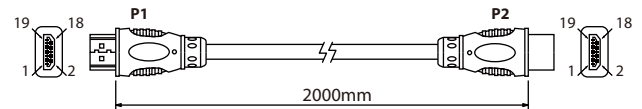
Twisted pairs: (CN1-1, CN1-2), (CN1-3, CN1-6), (CN1-4, CN1-5), (CN1-7, CN1-8)

### 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

### HDMI Cable

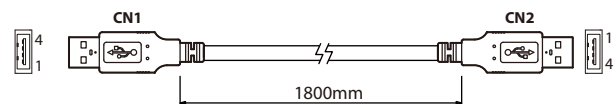


Pin	Color	Symbol	↔	Pin	Color	Symbol
1	Brown	Drain	↔	10	Blue	Drain
2	White	Drain	↔	11	White	Drain
3	Red	Drain	↔	12	Black	Drain
4	White	Drain	↔	13	Red	Drain
5	Green	Drain	↔	14	Orange	Drain
6	White	Drain	↔	15	Yellow	Drain
7	Green	Drain	↔	16	White	Drain
8	White	Drain	↔	17	Purple	Drain
9	White	Drain	↔	18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

### D-sub to RJ45 Adaptor



### 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	