

# W24L100-SPA269-P, 23.8-inch Stainless P-Series Display

## Stainless IP69K with Waterproof Conduit Solutions

Winmate provides 23.8-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

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	26W (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	600 x 369 x 56mm
Cutout	582 x 351mm
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

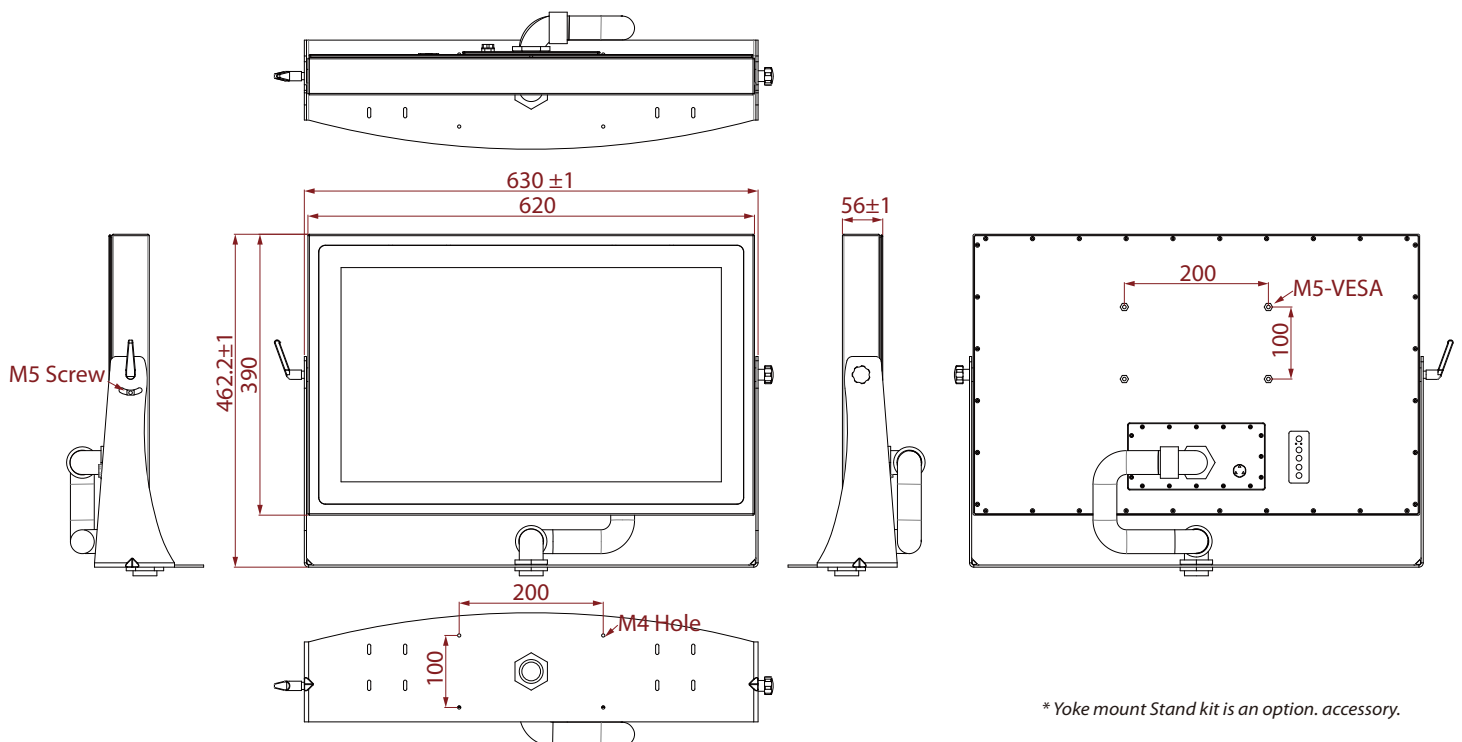
#### Standard

- 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

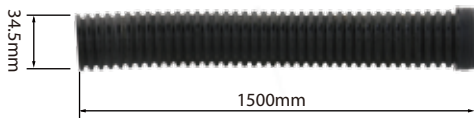


# W24L100-SPA269-P, 23.8-inch Stainless P-Series Display

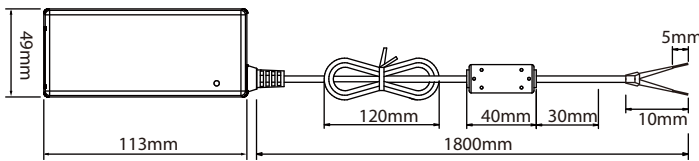
Stainless IP69K with Waterproof Conduit Solutions

## Accessories

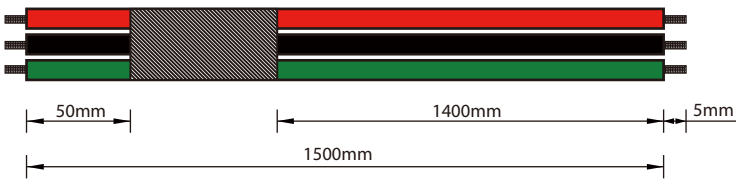
### Waterproof Conduit 1.5m



### 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

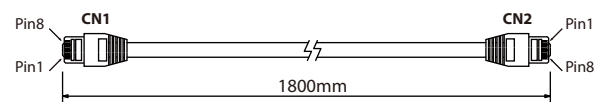
### D-sub to RJ45 Adaptor



### Elbow for connect the conduit

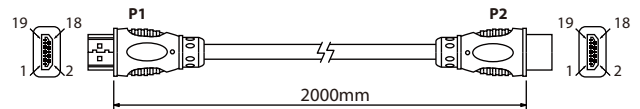


### RJ45 Cable



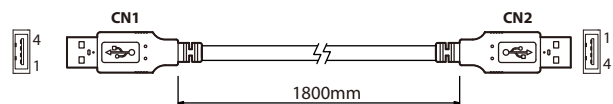
Pin No.	Symbols	Color	Pin No.	Symbols	Color
CN1-1		White/Orange	CN2-1		White/Orange
CN1-2		Orange	CN2-2		Orange
CN1-3		White/Green	CN2-3		White/Orange
CN1-4		Blue	CN2-4		Blue
CN1-5		White/Blue	CN2-5		White/Blue
CN1-6		Green	CN2-6		Green
CN1-7		White/Brown	CN2-7		White/Brown
CN1-8		Brown	CN2-8		Brown

### HDMI Cable



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