# SPC-815(M)/SPC-821(M) V2

## All-Around IP Protection
## Standalone HD Base-T Monitor

## Features

- 15.6"/21.5" Full HD TFT LED LCD display
- 16:9 widescreen with P-CAP multi-touch control
- Support HD Base-T long distance video streaming
- Front-facing LED indicators show operating status
- Silicone-free enclosure with all-round IP65-rated protection
- Supports CP 40 (Rittal) and CS-480 B.Flex (Bernstein) mount standards
- Supports the wide series of operational panel configuration
- Caution: SPC-ILINK MUST be order together

⊖ R33138 CE FCC cULus LISTED E180801 I.T.E.

## Introduction

SPC-800(M) V2 are Poll-mountable industrial monitors that can be can be integrated with wide series of operational panel kit. Designed to support diverse industrial mounting standards, such as CP 40 (Rittal) and CS-480 (Bernstein), SPC-800(M) V2 are series of versatile industrial monitors that can be installed in a variety of environment. The monitors are also equipped with a silicone-free enclosure that features all-around IP65-rated protection from water and dust. Moreover, with the aluminum cable housing, all cables and wiring can be hidden for a clean appearance and simplified wiring installation.

## Specifications

### General

- **Certification**   BSMI, CE, FCC Class A, UL
- **Cooling System**   Fanless design
- **Dimensions (W x H x D)**   15.6": 400.74 x 331.76 x 185mm
  21.5": 545.24 x 415.59 x 185mm
- **Enclosure**   Front bezel: Die-cast aluminum alloy
  Rear housing: Die-cast aluminum alloy
- **Mount Options**   Pole Mount (Rittal CP40 & Bernstein CS-480)
  VESA Mount (Optional through VESA Kit)
- **Power Input**   19-24 $V_{DC}$
- **Weight (Net)**   15.6": 6KG
  21.5": 8KG
- **Video Input**   HD Base-T Ethernet (RJ45) Input
- **Video Output**   HD Base-T Ethernet (RJ45) Output (SKU Optional)
- **I/O**   4 x USB 2.0

### LCD Display

- **Display Type**   Full HD TFT LED
- **Display Size**   15.6" / 21.5"
- **Max. Resolution**   15.6": 1920 x 1080
  21.5": 1920 x 1080
- **Max. Colors**   16.7 M
- **Luminance**   15.6": 400 nits
  21.5": 250 nits
- **Viewing Angle (H/V)**   15.6": 170°/130°
  21.5": 178°/178°
- **Backlight**   50,000 hr lifetime

### Touchscreen

- **Light Transmission**   ≥88%
- **Resolution**   4096 x 4096 dots
- **Type**   Projected capacitive

### Environment

- **Humidity**   95% RH @ 40 °C/104 °F, non-condensing
- **Ingress Protection**   All-Around IP65
- **Operating Temperature**   0 ~ 55 °C (32 ~ 131 °F)
- **Storage Temperature**   -20 ~ 60 °C (-4 ~ 140 °F)

## Modular Ordering Information

Note: System Unit, Operational Panel Kit and ILINK Transmitter Module should be ordered together

### System Unit

- **SPC-815-MA**   IP65-rated standalone monitor with 15.6" FHD, P-CAP touch, HD Base-T
- **SPC-815-MB**   IP65-rated standalone monitor with 15.6" FHD, P-CAP touch, HD Base-T. Daisy Chain Capability
- **SPC-821-MA**   IP65-rated standalone monitor with 21.5" FHD, P-CAP touch, HD Base-T
- **SPC-821-MB**   IP65-rated standalone monitor with 21.5" FHD, P-CAP touch, HD Base-T, Daisy Chain Capability

### ILINK Module Unit*

- **SPC-ILINK-TX**   Standalone ILINK Transmitter, HD Base-T Wall Mount module
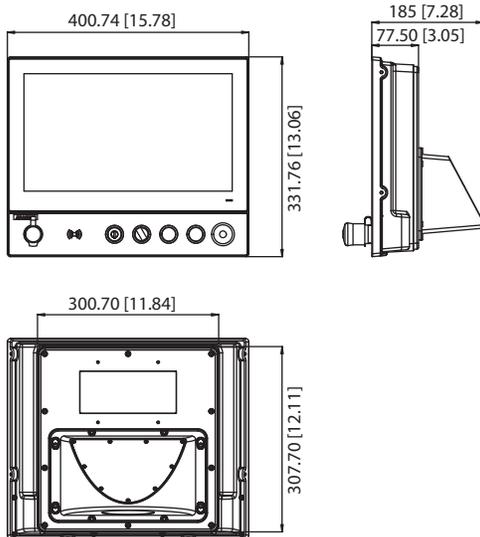- **SPC-ILINK-RX**   Standalone ILINK Receiver, HD Base-T Wall Mount module

*For more information on SPC-ILINK module, please refer to the dedicated data-sheet*

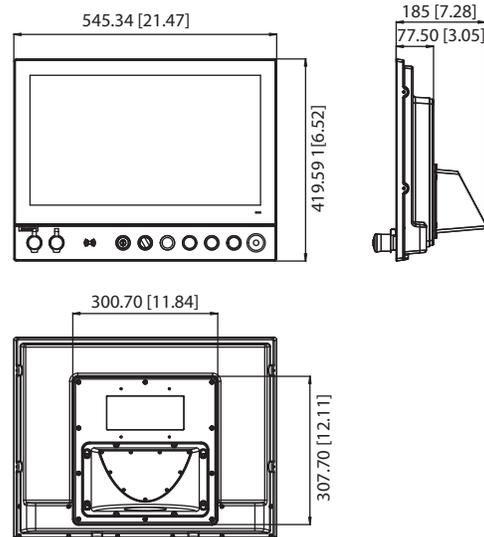**ADVANTECH**   **Domain Focus Industrial HMI**

All product specifications are subject to change without notice.   Last updated: 11-Feb-2026

## Dimensions

Unit: mm [inch]

**SPC-815(M)**



400.74 [15.78]
185 [7.28]
77.50 [3.05]
331.76 [13.06]
300.70 [11.84]
307.70 [12.11]

**SPC-821(M)**



545.34 [21.47]
185 [7.28]
77.50 [3.05]
419.59 [6.52]
300.70 [11.84]
307.70 [12.11]

### Operational Panel Kit

- **SPC-815-OPKA**   15.6" operational panel kit, 1 x Front Extended USB Port
- **SPC-815-OPKB**   15.6" operational panel kit, 1 x E-Stop, 1 x Red Push Button, 1 x Green Push Button, 1 x Blue Push Button, 1 x Key Selector, 1 x Front Extended USB Port
- **SPC-815-OPKC**   15.6" operational panel kit, 1 x E-Stop, 1 x Red Push Button, 1 x Green Push Button, 1 x Blue Push Button, 1 x Key Selector, 1 x Front Extended USB Port, 1 x RFID Antenna*
- **SPC-821-OPKA**   21.5" operational panel kit, 1 x Front Extended USB Port
- **SPC-821-OPKB**   21.5" operational panel kit, 1 x E-Stop, 1 x Red Push Button, 1 x Green Push Button, 1 x Blue Push Button, 1 x Key Selector, 1 x Front Extended USB Port
- **SPC-821-OPKC**   21.5" operational panel kit, 1 x E-Stop, 1 x Red Push Button, 1 x Green Push Button, 1 x Blue Push Button, x Key Selector, 1 x Front Extended USB Port, 1 x RFID Antenna*

*NRE for RF Certification may be required, please contact local sales for additional detail.

## Optional Accessories

- **1702002600**   Power cable US plug 1.8 M
- **1702002605**   Power cable EU plug 1.8 M
- **1702031801**   Power cable UK plug 1.8 M
- **1700000596**   Power cable China plug 1.8 M
- **1700036187-01**   Certified Cat-6A S/FTP RJ45 Cable 300cm
- **1700036188-01**   Certified Cat-6A S/FTP RJ45 Cable 1500cm
- **1700036189-01**   Certified Cat-6A S/FTP RJ45 Cable 5000cm
- **1700036190-01**   Certified Cat-6A S/FTP RJ45 Cable 7000cm
- **98R1800M010**   VESA Kit for SPC-800 V2
- **96PSA-A60W24T2-3**   60W 24$V_{DC}$ power supply

## Packing List

| Item | Part No. | Depiction | Qty |
|---|---|---|---|
| Plug-In Block | 1652002205 | Plug-In Block 1x3P/5.08mm/PA66/F/VA/Sn/GR/H15 | 1 |
| Grounding cable | 1703011001-11 | A Cable G-TEM 4.3 100CM C=GR/Y | 1 |
| Grounding screw | 1935130610 | Screw M3x6L R/S(TW) D=5.5 H=2 (2+) ST BIZn | 1 |
| Flange | 9651800M000 | Accessory Kit for SPC-800 (M) PIPE Mounting | 1 |