

Touch panel monitor for FHV7 Smart Camera

Advantech PPC-3100S-OMR

Easy-to-install operator interface with pre-installed* software for FHV7



Compatible with FHV7 Smart Camera

Ethernet



10.4" Touch Panel Monitor

FHV7 Smart Camera

* Additional software installation may be required depending on the software version of the smart camera.

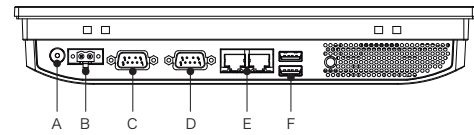
Specifications

Model	PPC-3100S-OMR (Advantech)	
LCD	Display Type	10.4" TFT LCD (LED backlight)
	Resolution	1024 × 768
	Luminance	350 cd/m ²
	Contrast Ratio	1200
	Backlight Lifetime	30,000 hr (min.)
	Touch Type	Capacitive
External Interface	Ethernet	10/100/1000 Mbps Ethernet × 2
	USB I/F	USB 2.0 × 1, USB 3.0 × 1
Power Consumption	Input Voltage	12 to 24 VDC
	Power Consumption	16 W
Environment	Ambient Temperature Range	Operating: 0 to 50°C Storage: -40 to 60°C
	Ambient Humidity Range	10% to 95% at 40°C (With no condensation)
	Vibration	Operating Random Vibration Test 5 to 500 Hz, 2 Grms, follow IEC 60068-2-64
	Shock	Operating 10 G peak acceleration (11 ms duration), follow IEC 60068-2-27
	EMC	CE, FCC Class B, BSMI
	Safety	CB, CCC, BSMI, UL
Dimensions	272 × 217 × 46 mm	
Weight	1.9 kg	
Front Panel Protection	IP65 compliant	
Mounting	Panel mount, VESA mount, Wall mount	
Accessories	Instruction sheet, Connector for power supply, Mounting screws and brackets for panel mount	

Accessories

Item	Model
ARM VESA Standard (A-CLEVER) for PPC Series	PPC-ARM-A03
Wall mount kit for PPC Series	PPC-174T-WL-MTE
Stand for PPC Series	PPC-Stand-A1E
ADP A/D 100-240V 90W 19V W/PFC	96PSA-A90W190T-1
Power cord 3P UL 10 A 125 V 1.8 m	1700001524

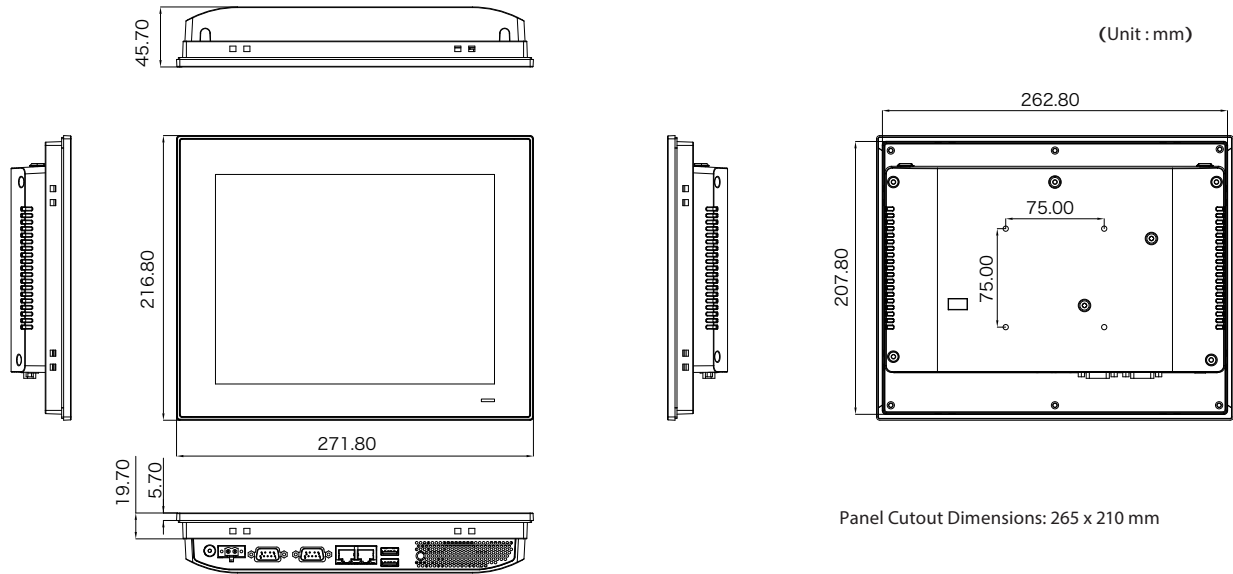
I/O View



- A. Power switch
- B. DC-In
- C. RS-232
- D. RS-232/422/485
- E. RJ45LAN × 2
- F. USB 2.0 × 1, USB 3.0 × 1

* The serial ports C and D are not used when the PPC-31005-OMR is used as an operator interface.

Dimensions



• Company names and product names in this document are the trademarks or registered trademarks of their respective companies.

Warranty

Please contact our Tech Support team for Warranty questions/claims.

Contact about touch panel monitor

You can purchase this unit via a local Omron Distributor. You can find more information at: <https://automation.omron.com/en/us/forms/partner-search-form>

Recommended Industrial Touch Panel IPC/ Monitor

If you require a different industrial solution or a larger screen size, our FHV7 smart cameras work perfectly with Omron's Industrial PC systems (e.g. NYP-series). Find your preferred Industrial PC systems at : <https://automation.omron.com/en/us/products/families/industrial-pc>

OMRON AUTOMATION AMERICAS HEADQUARTERS • Chicago, IL USA • 847.843.7900 • 800.556.6766 • automation.omron.com

OMRON CANADA, INC. • HEAD OFFICE

Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • automation.omron.com

OMRON ELECTRONICS DE MEXICO • HEAD OFFICE

Ciudad de México • 52.55.5901.4300 • 01.800.386.6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE

San Pedro Garza García, N.L. • 81.12.53.7392 • 01.800.386.6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE

Eugenio Garza Sada, León, Gto • 01.800.386.6766 • mela@omron.com

OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE

São Paulo, SP, Brasil • 55.11.2101.6300 • www.omron.com.br

OMRON ARGENTINA • SALES OFFICE

Buenos Aires, Argentina • +54.11.4521.8630 • +54.11.4523.8483
mela@omron.com

OTHER OMRON LATIN AMERICA SALES

+54.11.4521.8630 • +54.11.4523.8483 • mela@omron.com