

## 19 inch Panel PC ViTAM-819P Stainless steel housing



- 19" TFT LCD, 1,280 x 1,024 pixels
- Projected capacitive touch
- Processor: Intel Celeron N2930 1.83 GHz
- IP66/IP69K stainless steel housing with M12 connections
- Flush frame design
- Fanless cooling system
- Horizontal reading angle 170°, vertical 165

<https://www.wachendorff-prozesstechnik.de/ViTAM-819P>

### Description

The ViTAM-8 series is based on an Intel Celeron N2930 1.83 GHz processor.

The industrial panel PCs in this series are available in display sizes from 10.1" to 24", with either projected capacitive or resistive touch. The projected capacitive touch enables multi-touch operation with a corresponding operating system. If pressure-sensitive operation is required (e.g. with gloves), the resistive touch is the right choice. The front panels are absolutely flush with the stainless steel housing (type 304). The housing is designed in IP69K (incl. IP66) with M12 connection options. An on/off button is also integrated on the side of the Panel PC. The unique fanless thermal design of the robust stainless steel housing enables effective temperature control. The ViTAM IPCs can be optionally equipped with a high-brightness LCD and/or optical bonding for an outstanding display, even under the most difficult conditions. In addition, expansion cards can be used for additional interfaces or RFID.

### Product details

Power supply: 9 VDC to 36 VDC  
Power consumption: max. 29.5 W

Power consumption: max. 30 W

Display: 19" TFT LCD

Resolution: 1,280 x 1,024 pixels

Aspect ratio: 5:4

Brightness: 350 cd/m<sup>2</sup>

Colors: 16.7 million

Contrast: 1.000:1

Reading angle: H: 170° / V: 165°

Touch screen: projects capacitively

Processor: Intel Celeron N2930 1.83 GHz

System Chipset: SoC

RAM: 4 GB DDR3L RAM 1,600 MHz  
onboard (optional 8 GB)

SSD/HDD: 1x 2.5" HDD/SSD (standard 32 GB  
SSD)

Additional memory: 1 x SD slot

### Interfaces:

USB: 1 x M12 8-pin (2 x USB 2.0 via cable) with waterproof termination  
Serial: 1 x M12 8-pin for COM 1 (RS-232/-422/485, default RS-232) with waterproof termination  
Ethernet: 1 x M12 A-code, 8-pin, socket (female) for Gigabit Ethernet with waterproof termination  
Other: 1 x On/Off button (on the side, waterproof)  
Power supply: 1 x M12 3-pin, 1 x On/Off switch (rear)

Possible extension: 2 x M12

Available extensions:

2 x USB 2.0 module via TB-528U2  
1 x USB 3.0 via cable  
1 x LAN via cable  
1 x COM port via TB-528C1  
1 x CAN via TB-528CAN2  
1 x M12 12-pin VGA  
1 x HDMI

Expansion slots: 1 x Mini PCIe for Wifi/BT (optional)  
1 x RFID (front side, see options)

Housing: Stainless steel (type 304, optionally 316)

Assembly: VESA 100 x 100; yoke mount (swivel fork mount)

Protection class: IP66/IP69K

Weight: approx. 9.5 kg

Dimensions (WxHxD): 470 mm x 388.6 mm x 60 mm

Ambient conditions: Operation: 0 °C to +50 °C ;  
Storage: -30 °C to +70 °C  
10% to 90 %rH, non-condensing.

Certifications: CE/FCC class A

Operating systems: Windows® 10 IoT  
Linux

Options:	HDMI VGA (M12, 12-pin)  Wifi/BT (via Mini PCIe) RFID module (for front-side use, Mifare 13.56 MHz)  2 x USB 2.0 module via TB-528U2 1 x USB 3.0 via cable 1 x LAN Gigabit Ethernet via cable 1 x COM port via TB-528C1 1 x CAN via TB-528CAN2  IP65 Waterproof Power Adapter Optical bonding High Brightness LCD (1000 cd/m2) Stainless steel (type 316) Linux, Android, Windows
Scope of delivery:	Device 1 x M12 plug-in power supply 1 x M12 USB cable (1x M12 to 2x USB 2.0)
Customs tariff number:	84715000
Manufacturer:	Aplex Technology Inc.

DGI.98R17.F-TI	Built-in keyboard for front installation, 98 keys, keypad/number pad with integrated trackball
FIT.105E16.F-TP	Built-in keyboard for front installation, 105 keys, integrated touchpad
FIT.105E16.R-TI	Built-in keyboard for rear mounting, 105 keys, integrated trackball
FIT.105E16.T-TI	Desktop keyboard, 105 keys, integrated trackball
FIT.68E16.F-TI	Built-in keyboard for front installation, 68 keys, integrated trackball
FIT.68E16.R-TI	Built-in keyboard for rear mounting, 68 keys, integrated trackball
FIT.68E16.T-TI	Compact keyboard, desktop version, 68 keys, integrated trackball
FIT.68E16.T-TP	Desktop keyboard, 68 keys, integrated touchpad

#### Products Order no.

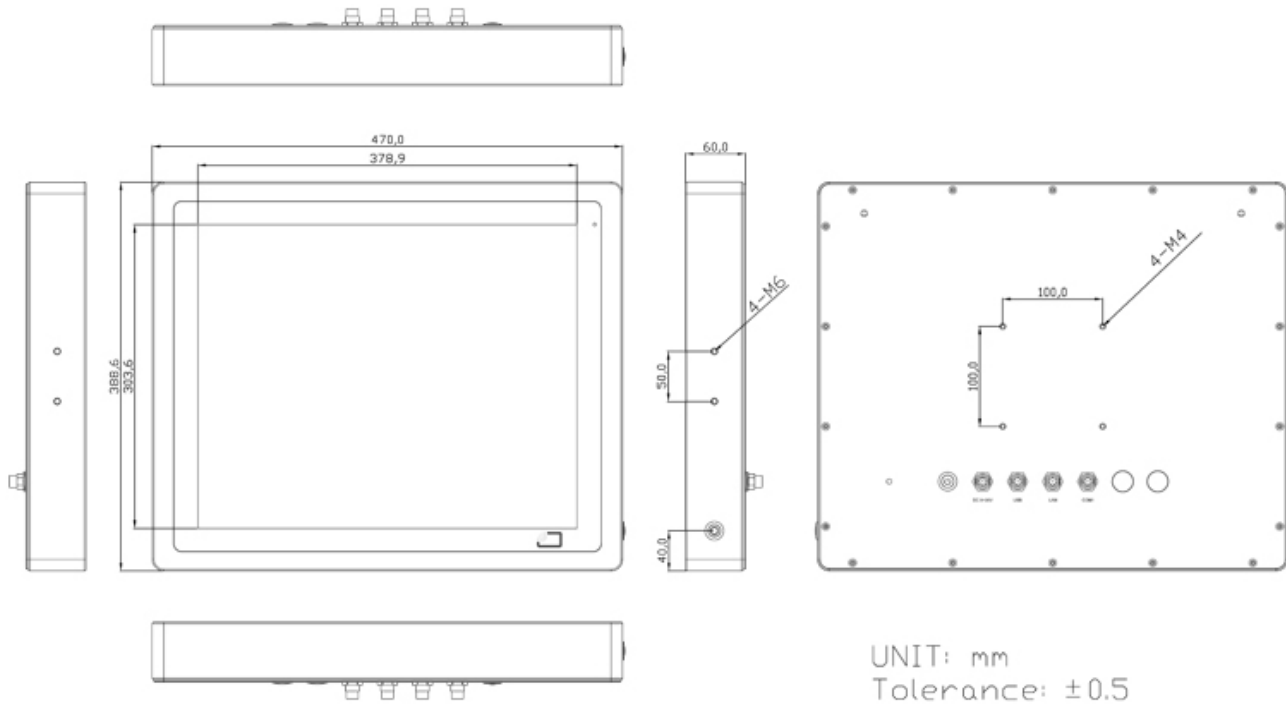
ViTAM-819P	19" projected-capacitive panel PC, stainless steel
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#### Accessories Order no.

PPC-Y-119	Stainless steel U-shaped monitor holder for ViTAM IPC and displays
PPC-Y-119S	Stainless steel U-shaped monitor holder for ViTAM IPC and displays
PPC-W-101	VESA wall bracket stainless steel (type 304) 75 x 75 / 100 x 100
PPC-W-101S	VESA wall bracket stainless steel (type 316) 75 x 75 / 100 x 100
ETHSWG5C	5-way Ethernet switch, unmanaged
KABM12ETH3	M12-A to RJ45, shielded, L=3m
KABM12ETH5	M12-A to RJ45, shielded, L=5m
KABM12ETH10	M12-A to RJ45, shielded, L=10m
CKI.68R17.R	Built-in keypad for rear mounting, 68 keys
CKI.85R15.F-TI	Built-in keyboard for front installation, 85 keys, integrated trackball and embossed foil
CKI.85R15.R-TI	Built-in keyboard for rear mounting, 85 keys, integrated trackball
DGI.64Q12.F	Built-in keypad for front installation, 64 keys
DGI.64Q12.F-TI	Built-in keyboard for front installation, 64 keys, integrated stainless steel trackball
DGI.81R17.F-TI	Built-in keyboard for front installation, 81 keys, integrated trackball
DGI.98R17.F	Built-in keyboard for front installation, 98 keys, keypad/number pad with integrated trackball

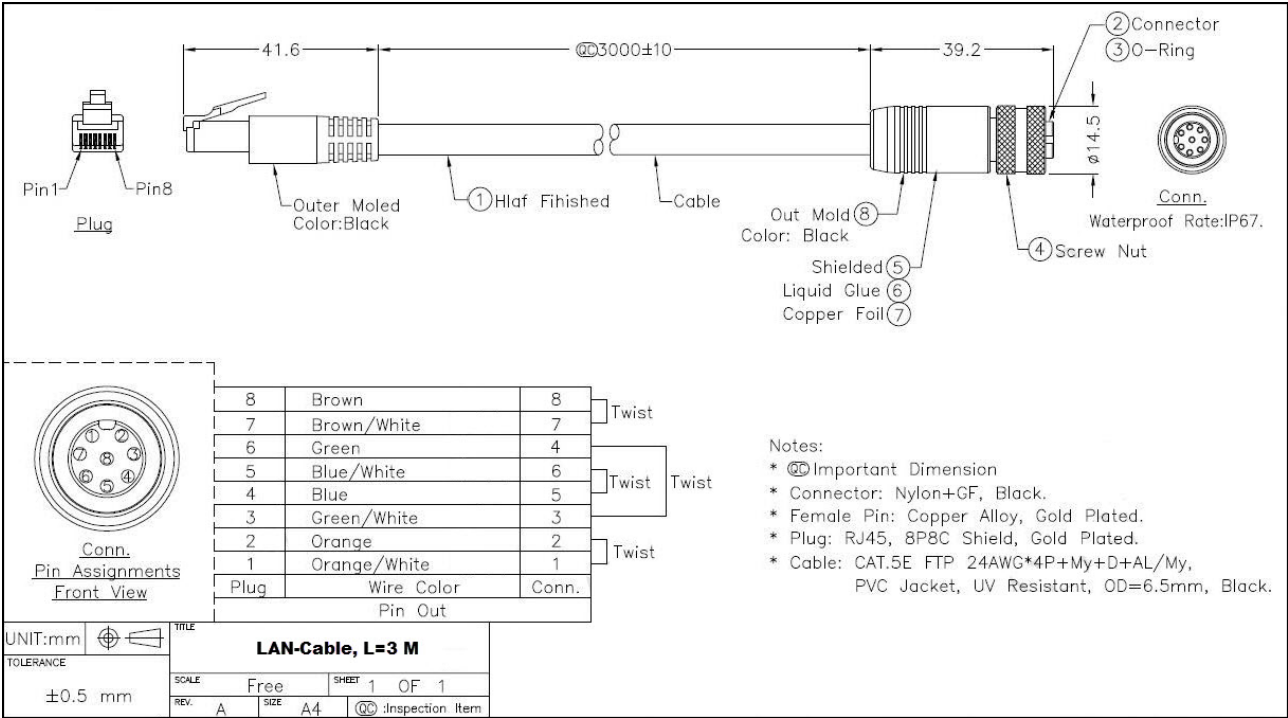
**Drawings**

**Dimensions (mm):**



Drawings

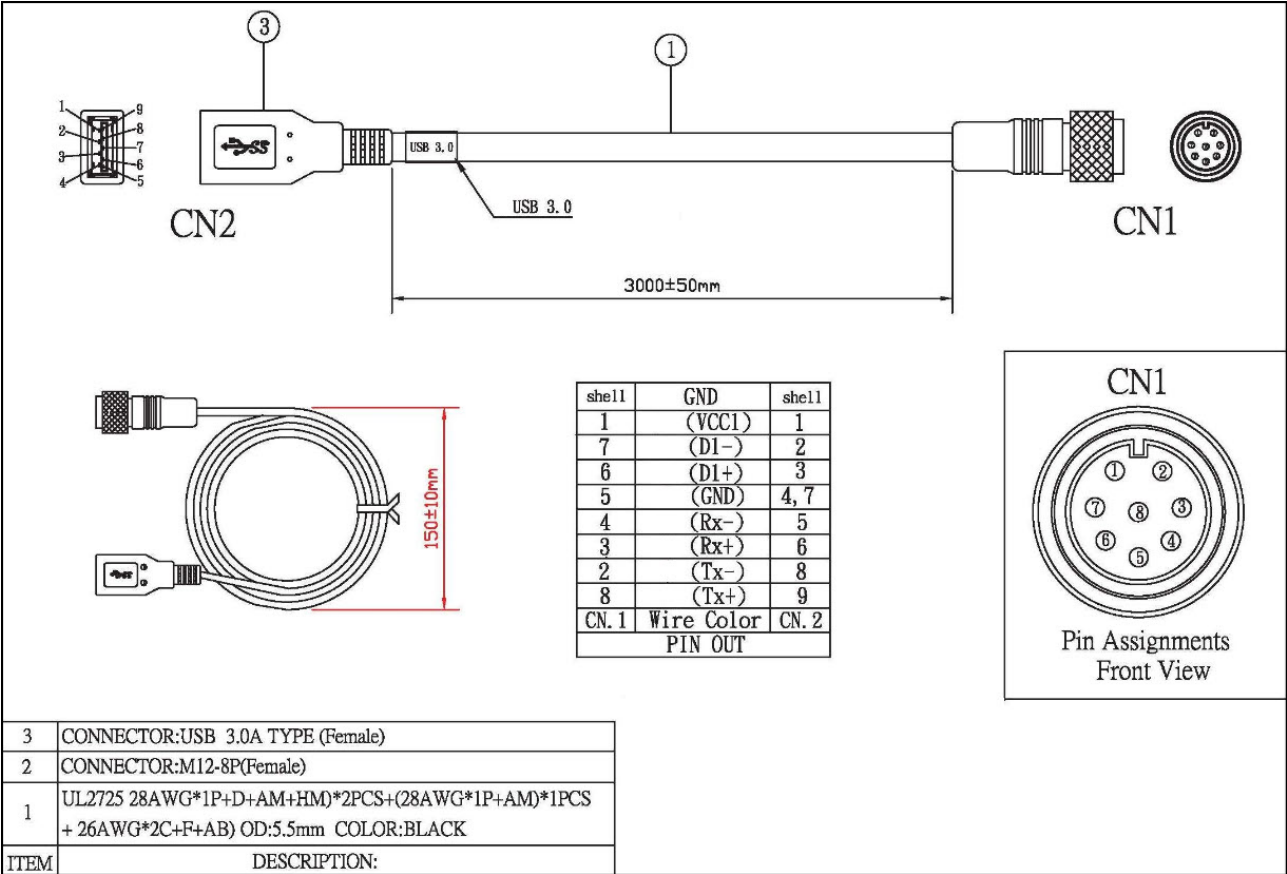
LAN cable



(may not be included in the scope of delivery)

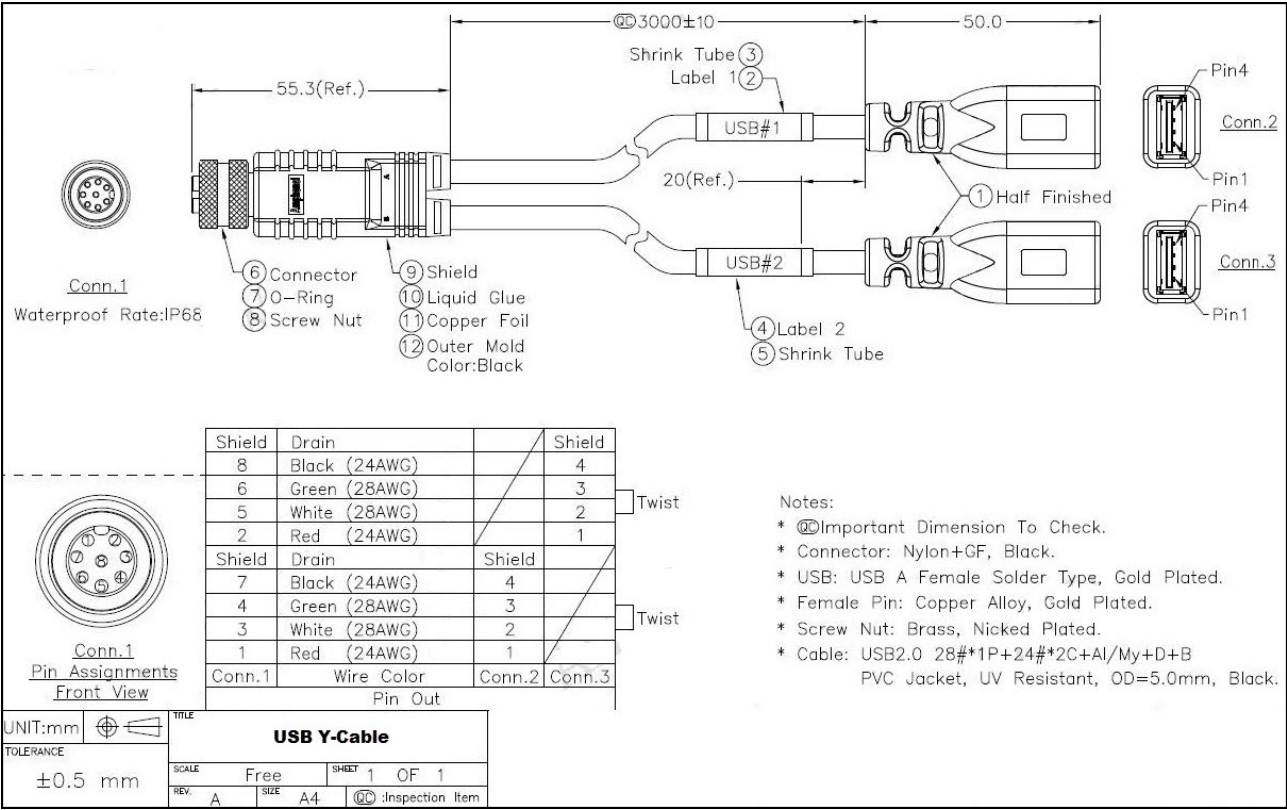
Drawings

USB 3.0 cable



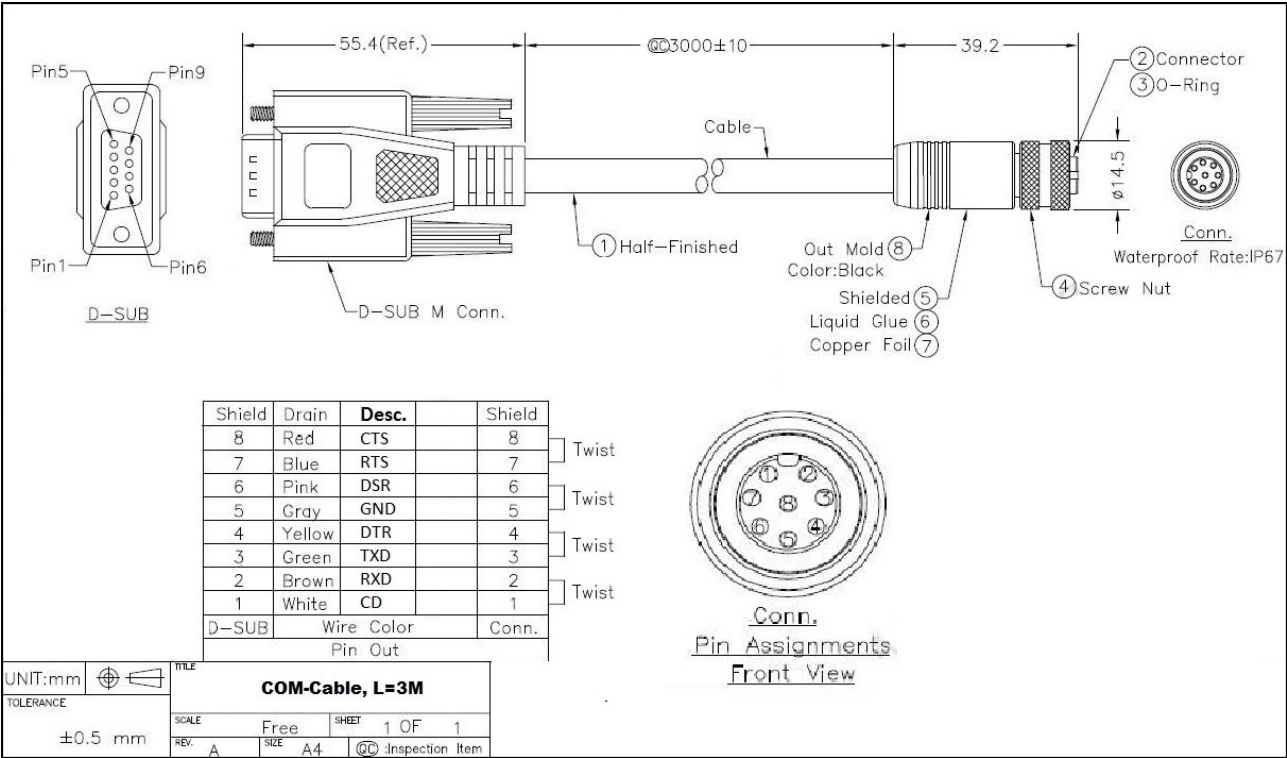
(may not be included in the scope of delivery)

Drawings  
USB Y-cable



(may not be included in the scope of delivery)

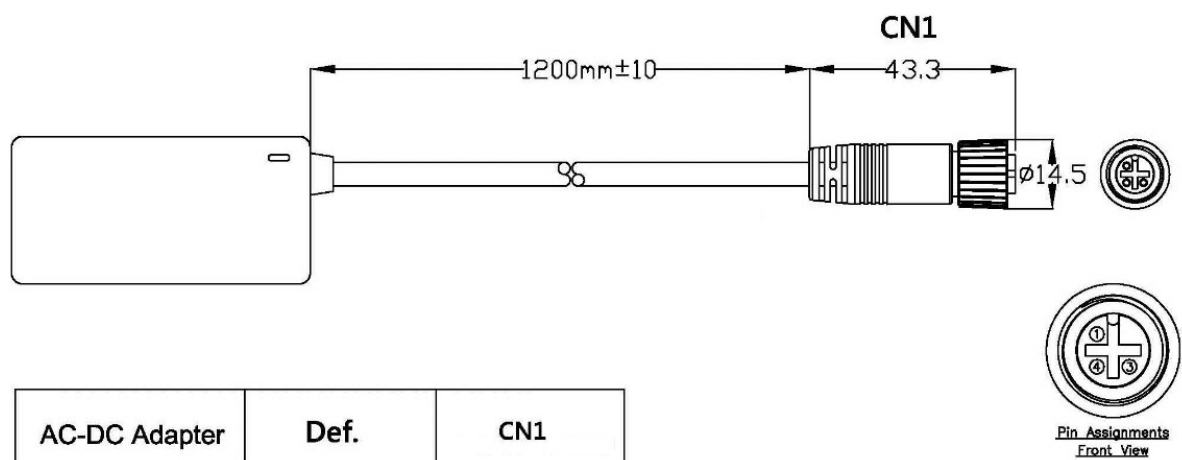
**Drawings**  
**COM cable**



(may not be included in the scope of delivery)

Drawings

Power adapter



(may not be included in the scope of delivery)





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