

15.6 inch Panel PC ViTAM-916AG Stainless steel housing



- 15.6" TFT LCD, 1366 x 768 pixels
- Without touch function
- Processor: Intel® Core™ i3-6100U (2.3 GHz) / i5-6300U (3.0 GHz)
- IP66/IP69K stainless steel housing with M12 connections
- Flush frame design
- Fanless cooling system
- Reading angle horizontal 160°, vertical 160°

<https://www.wachendorff-prozesstechnik.de/en/ViTAM-916AG>

Description

The ViTAM-9A series is based on a 6th generation Intel® Core™-i processor.

This very powerful and efficient processor family provides sufficient computing power for medium and large applications. The RAM can be expanded to up to 16 GB, enabling more extensive projects such as SCADA or IIoT monitor control applications. The industrial panel PCs in this series are available in display sizes ranging from 15" to 23.8", with a choice of projected capacitive, resistive or no 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 IP69K (incl. IP66) with M12 connection options. The unique fanless thermal design of the robust stainless steel housing enables effective temperature control. The ViTAM IPC 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 for further interfaces or RFID can be integrated.

Product details

Power supply:	9 VDC to 36 VDC
Power consumption:	max. 49 W
Display:	15.6" TFT LCD
Resolution:	1366 x 768 pixels
Aspect ratio:	16:9
Brightness:	300 cd/m ² 1000 cd/m ² (optional high-brightness LCD)
Backlight:	50,000 h running time
Colors:	16.7 million
Contrast:	500:1 800:1 (optional high-brightness LCD)
Reading angle:	H: 160° / V: 160° H: 170° / V: 170° (optional high-brightness LCD)
Touch screen:	without touch function
Processor:	Intel® Core™ i3-6100U (2.3 GHz) Intel® Core™ i5-6300U (3.0 GHz)
RAM:	up to 16 GB DDR4 2133 MHz SO-DIMM 2Rx8
SSD/HDD:	1x 2.5" SATA3 HDD/SSD (standard 32 GB SSD)

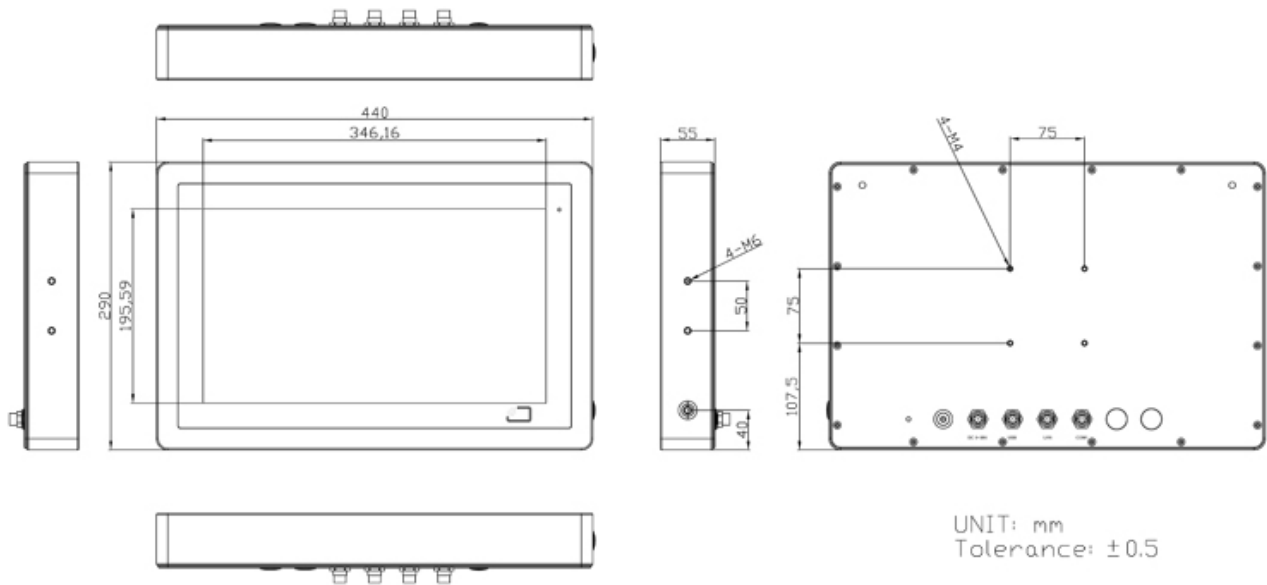
Interfaces:	USB: 1 x M12 8-pin (2 x USB 2.0 via cable) with waterproof termination Serial: 1 x M12 8-pin for COM 1 (RS-232/-422/485, default RS-232) with waterproof termination Ethernet: 1 x M12 A-code, 8-pin, socket (female) for Gigabit Ethernet with waterproof termination Power supply: 1 x M12 3-pin, 1 x On/Off button (rear)
Expansion slots:	1 x Mini PCIe for Wifi/BT, 4G/LTE (optional) 1 x RFID module (for front-side use)
Housing:	Stainless steel (type 304, optionally 316)
Assembly:	VESA 75 x 75; yoke mount (swivel fork mount)
Protection class:	IP66/IP69K
Weight:	approx. 7.0 kg
Dimensions (WxHxD):	440 mm x 290 mm x 55 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) 4G/LTE (via Mini PCIe) RFID module (for front-side use) 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 water-resistant power supply unit (24 VDC / 90-305 VAC) Optical bonding High Brightness LCD (1000 cd/m ²) Stainless steel (type 316) Linux, Android, Windows
Scope of delivery:	Device 1 x M12 power supply unit 1 x M12 USB cable (1x M12 to 2x USB 2.0)

Customs tariff number: 84715000

Manufacturer: Apex Technology Inc.

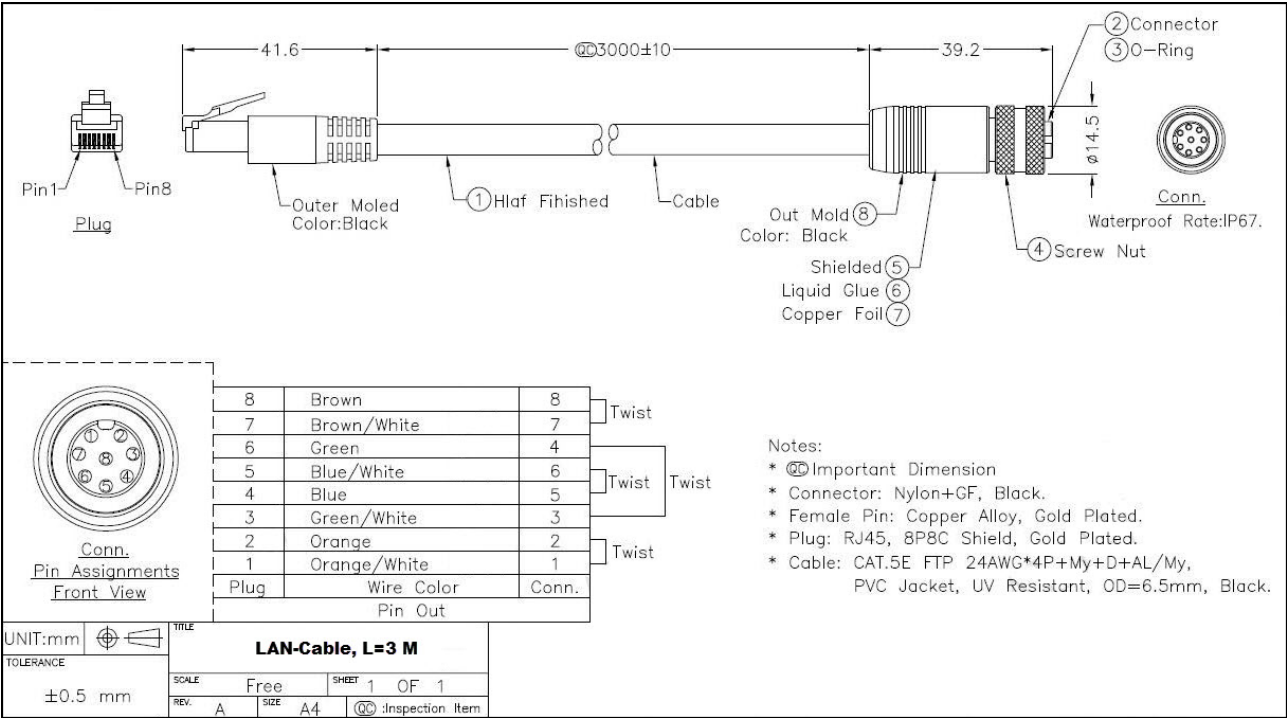
Drawings

Dimensions (mm):



Drawings

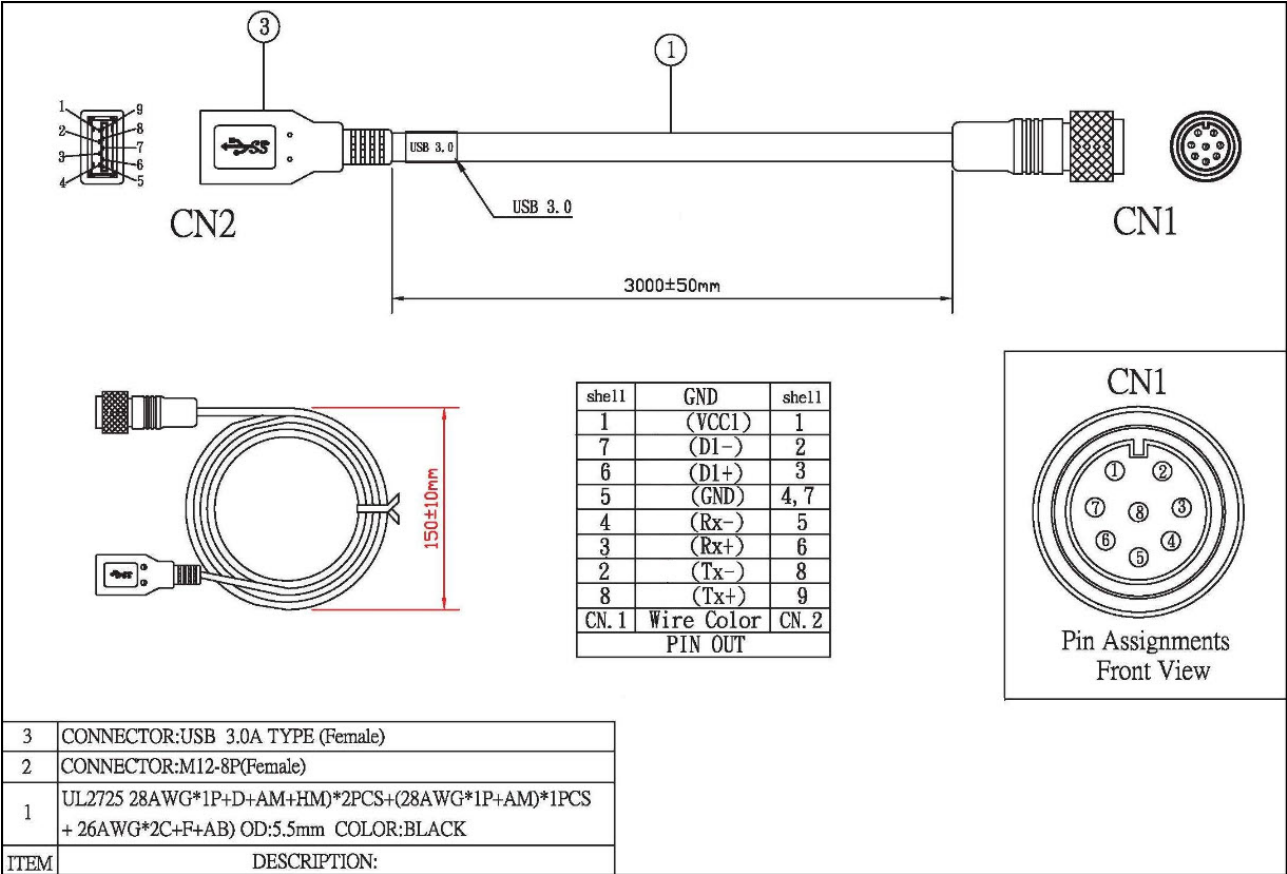
LAN cable



(may not be included in the scope of delivery)

Drawings

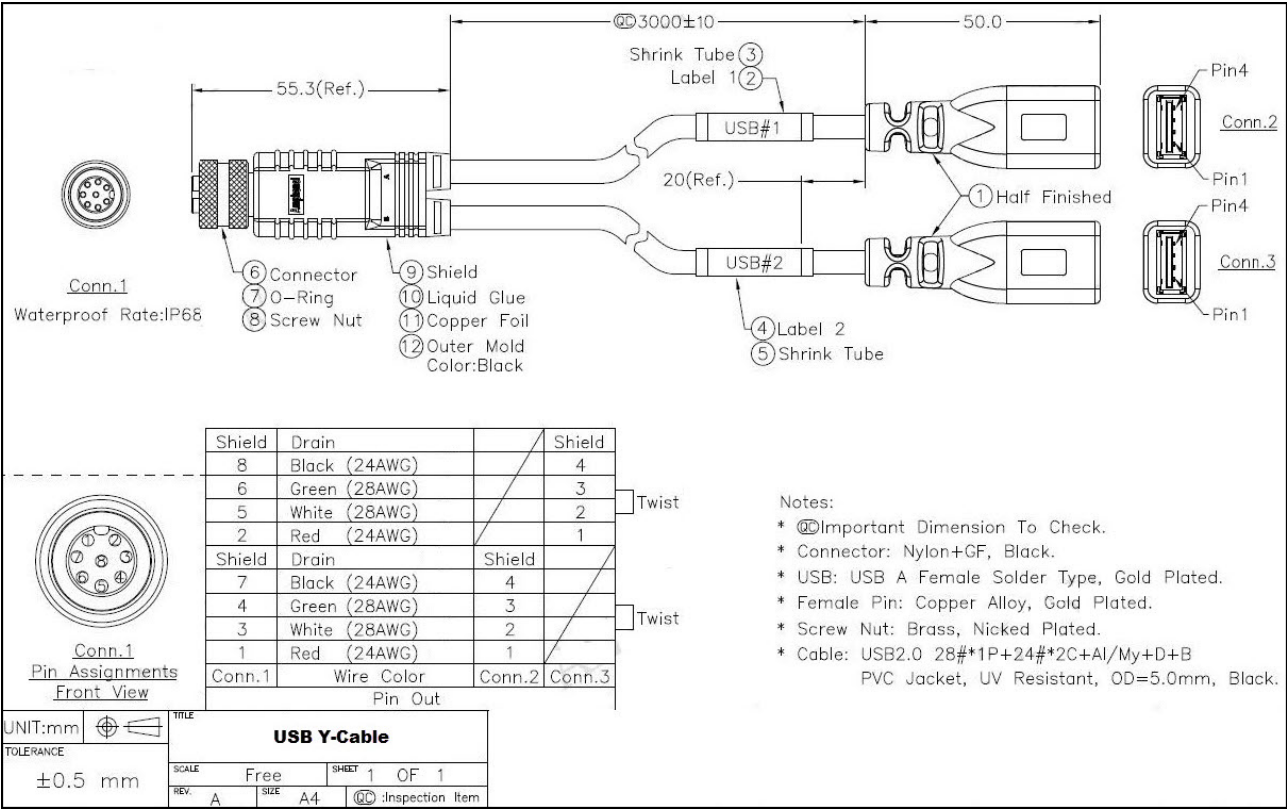
USB 3.0 cable



(may not be included in the scope of delivery)

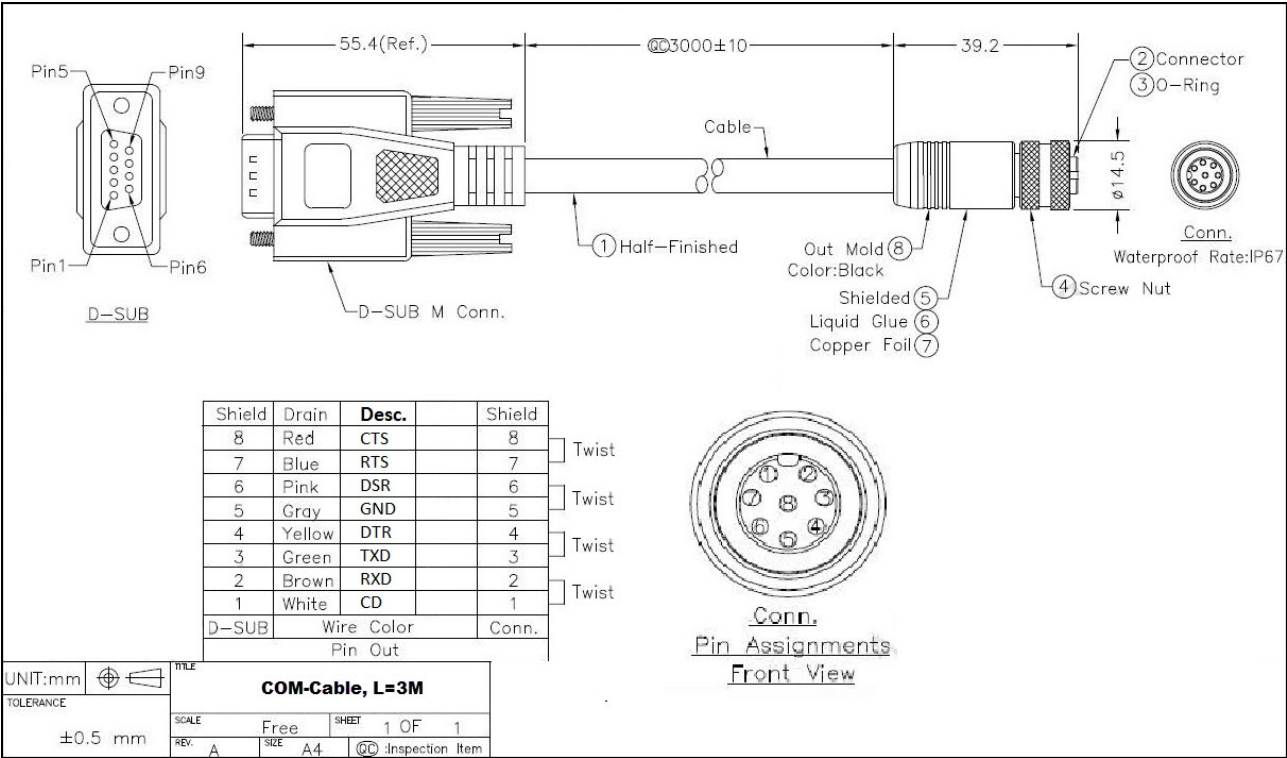
Drawings

USB Y-cable



(may not be included in the scope of delivery)

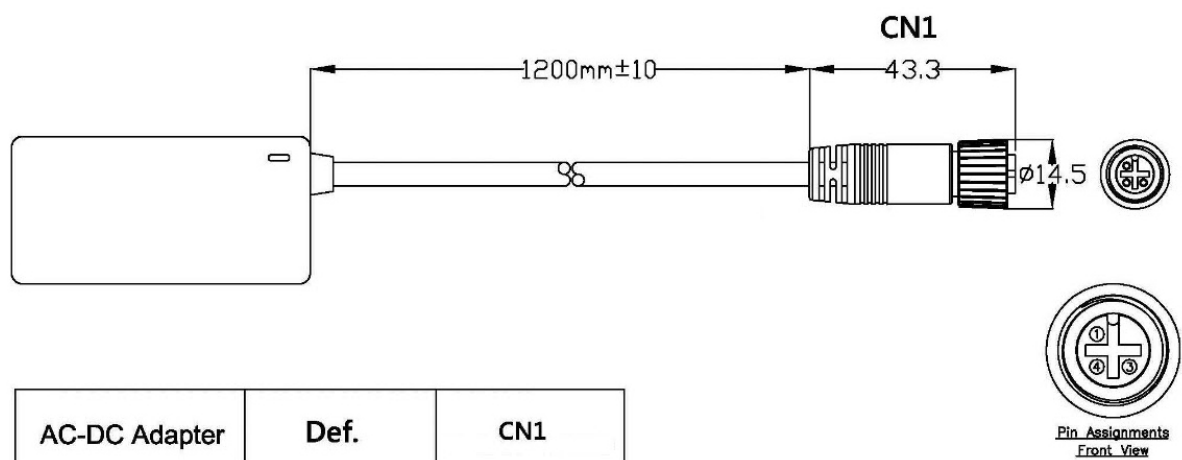
Drawings
COM cable



(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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