ComAp®

The heart of smart control

InteliVision 18Touch G2

Order code: RD2IV18TBPE

18.5" display unit for ComAp controllers

Datasheet

Product description

The new InteliVision 18Touch G2 is the natural successor of the InteliVision 18Touch. It is designed as an easy to use Windows based panel suitable for monitoring a wide range of ComAp controllers. InteliVision 18Touch G2 features 18.5" projected capacitive touch screen with a resolution of 1920x1080 pixels. Its front protection complies with IP66 and operating temperature extends from -20 °C to +60 °C. Smooth operation is ensured by powerful Intel processor. It is equipped with the ComAp PC monitoring tool InteliSCADA. Compatible controllers can be connected to InteliVision 18Touch G2 by one of two Ethernet ports or RS232/RS485.

Key features

> Support for new controllers on the M1 platform

> ComAp InteliSCADA tool pre-installed

> IP66 compliant front panel

> Powerful Intel® 6th Gen. Intel Core i3 Processor

> RAM 8 GB, 80 GB SSD (iSLC)

> 2 x Ethernet, 2 × USB 3.0 type A

> 2 × RS232/485, 1 x Audio Line Out

> 1 x 2-pin connector for power on/off

> Windows 10 IoT Enterprise operating system

Application overview
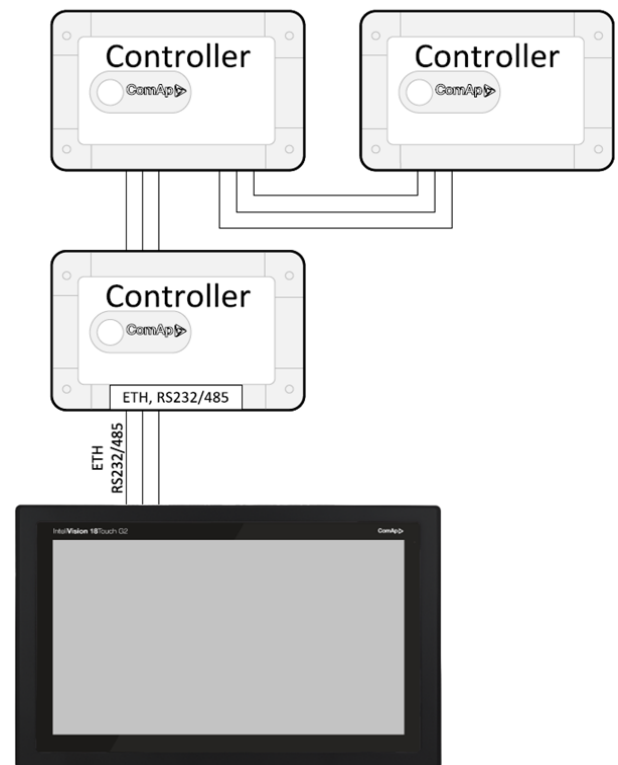
Technical data

Power supply

Power Supply Range	9-36 V DC
Power Consumption	9 V / 6.5 A

Operating conditions

Operating Temperature	-20 °C to 60 °C
Storage Temperature	-30 °C to 70 °C
Humidity	10 to 90%@ 40˚C (non-condensing)

Interfaces

USB	2 x USB 3.0 type A
Serial / Parallel	1 x DB-9 RS-232/422/485, COM1 (Default RS-232) 1 x RS-232 DB-9, COM2
Audio	1 x Audio Line Out
LAN	2 x GbE LAN RJ-45
Power	1 x 3-pin DC power input terminal, 1 x 2-pin connector for power on/off

System

CPU	Onboard 6th Gen. Intel Core i3-6100 Processor
Memory	8GB DDR4 SO-DIMM 3200 MHz CL22
System Chipset	SoC
Storage Device	80GB 2.5" SATA SSD 3IE6-P iSLC AES

LCD specification

LCD panel	18.5" TFT-LCD
Resolution	1920 x 1080 px
Max. Color	16.7M
Luminance	350 cd/m^2
Contrast Ratio	1000 : 1
View Angle	178(H) / 178(V)
Backlight Lifetime	40,000 hrs

Touchscreen

Type	Projected Capacitive Touch
Light Transmission	Projected Capacitive Touch: over 90%

Mechanical

Housing	IP66 Compliant Front Bezel
Color	RAL 7021
Construction	Aluminum die-casting chassis
Net Weight	6 kg
Dimensions (W × H × D)	499.6 x 314.6 x 65.4 mm
Mounting	Panel Mount, VESA 100 x 100

Operating system

OS	Windows® 10 IoT Enterprise

Dimensions, terminals and mounting

MOUNTING HOLE
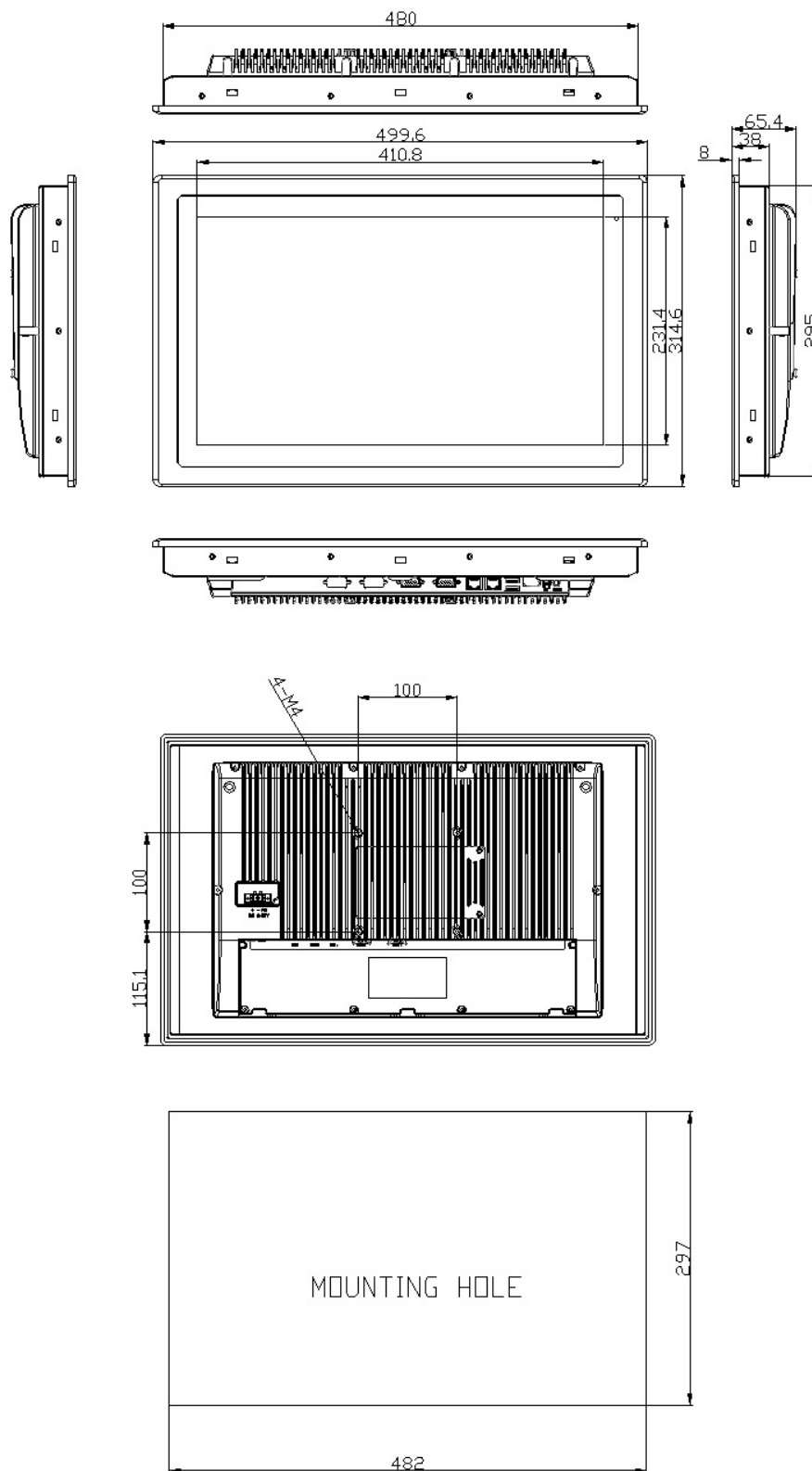
Note: Dimensions are in mm (Tolerance ±0.5 mm).

Related products

Product	Description
InteliSCADA	The new monitoring tool for the new and current controllers

For a list of compatible products see the **Supported ComAp Devices** chapter in the InteliSCADA Global Guide.

Certificates and standards

CE

FC *)

UK CA

c (UL) us LISTED

*)

This product complies with FCC 47 CFR Part 15, Subpart B, Class A.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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