ComAp®

The heart of smart control

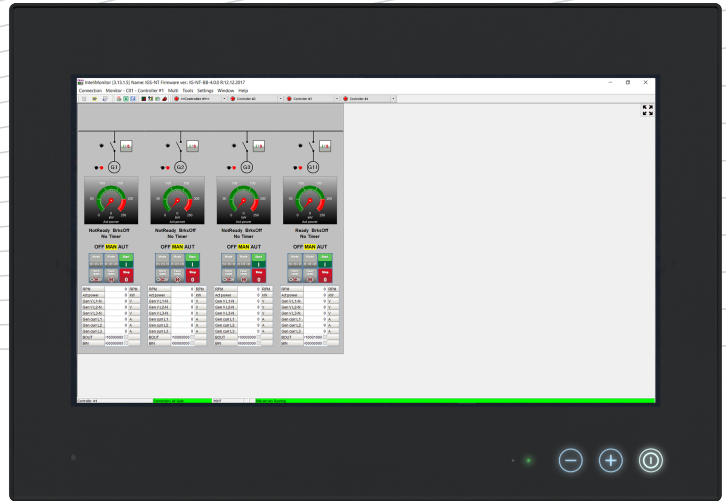## InteliVision 13Touch

13.3" display unit for ComAp controllers

Datasheet

## Product description

InteliVision 13Touch is a high-quality easy-to-use 13.3" Marine certified Panel PC with multi-controller support and buttons for brightness change on its front face. Even though the software allows to configure up to 32 controllers the hardware is designed for simultaneous monitoring and control of up to 4 controllers only. Compatible controllers should be connected via Ethernet, in some cases with use of InternetBridge-NT. USB ports are recommended not to be used for monitoring.

Key features

▶ 13.3" Multi-touch projected capacitive display

▶ EU RO MR Marine certification

▶ Buttons for brightness change on front face

▶ Windows® 10 IoT Enterprise 2019 LTSC (64bit)

▶ ComAp PC tools pre-installed

▶ Front protection compliant with IP66

▶ Intel Atom® x5-E3930 Processor

▶ 4 GB RAM

▶ 32 GB eMMC, 240 GB SSD

▶ 2 × Ethernet, 2 × USB 2.0, 2 × USB 3.0

▶ Operating temperature: -15 °C to +55 °C

▶ Power input 10-31 V DC

Application overview
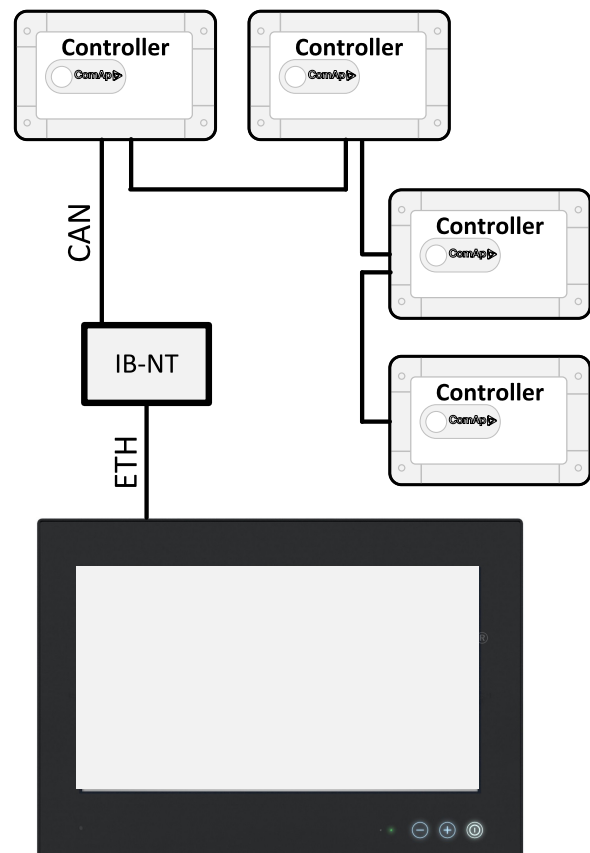
Technical data

Power supply

Power Supply Range	10-31 V DC

Operating conditions

Operating Temperature	-15 °C to 55 °C
Storage Temperature	-20 °C to 60 °C
Vibration	5-25 Hz, ±1.6 mm 25-100 Hz, a = 4 g
Humidity	95 % non-condensing (EN 60068-2-30)

Interfaces

Rear I/O	2 × USB 2.0 2 × USB 3.0 Ethernet: 2 × RJ45

System

CPU	Intel Atom® x5-E3930 Processor, 2 MB Cache, 1.30 GHz / 1.80 GHz
Memory	4GB RAM
Storage Device	32 GB eMMC 240 GB SSD

LCD specification

LCD panel	13.3" TFT-LCD
Resolution	1920 × 1080 px (FHD)
Luminance	600 cd/m^2
Contrast Ratio	600 : 1
Viewing Angle	85 deg. (up/down/left/right) (typical)
Backlight	LED

Touchscreen

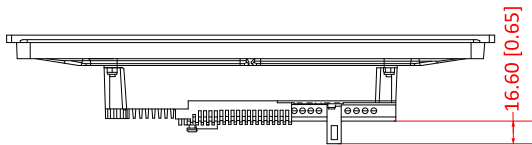|	
Type	PCAP (Projected Capacitive Touchscreen)

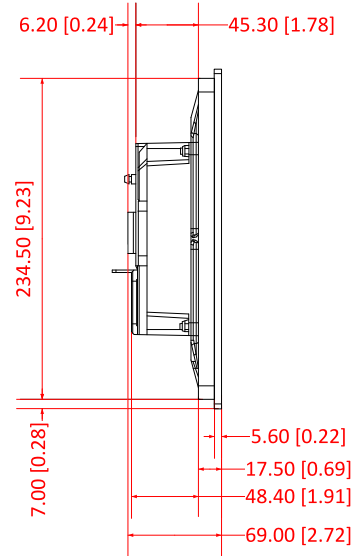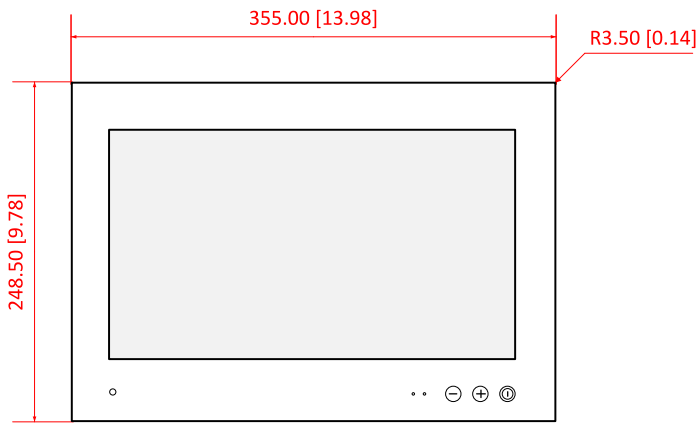## Mechanical

Housing	IP66 front, IP20 rear (EN60529)
Weight	approx: 3.0 kg / 6.6 lbs
Dimensions (W × H × D)	355.00 [13.98"] × 248.50 [9.78"] × 69.00 [2.72"] mm [inch]

Operating system

OS	Windows® 10 IoT Enterprise 2019 LTSC (64bit)

Dimensions, terminals and mounting

355.00 [13.98]

R3.50 [0.14]

248.50 [9.78]

6.20 [0.24]

45.30 [1.78]

234.50 [9.23]

7.00 [0.28]

5.60 [0.22]

17.50 [0.69]

48.40 [1.91]

69.00 [2.72]

16.60 [0.65]

341.00 [13.43]

7.00 [0.28]

64.92 [2.56]

53.27 [2.10]

330.00 [12.99]

12.50 [0.49]

99.25 [3.91]

141.96 [5.59]

50.00 [1.97]

214.16 [8.43]

70.42 [2.77]

4x Trapped hole for M4×0.7 Helicoil

343.00 [13.50]

4× R10.00 [0.39]

236.50 [9.31]

CUT OUT SIZE
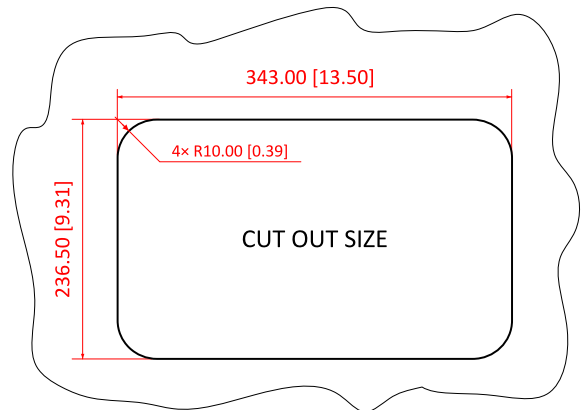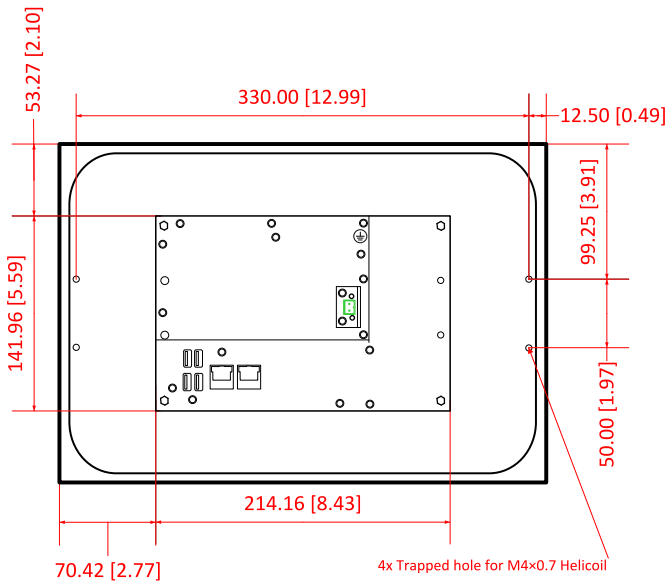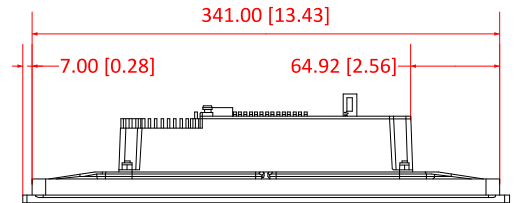
Note: *Dimensions are in mm (inches).*

Related products

Product	Description	Order code
InteliSys Gas	Industrial grade controller for gas gen-set based CHPs and power generation applications	I2GASXXBAB
InteliSys^{NTC} BaseBox	Premium Parallel Gen-set Controller	IS-NTC-BB
InteliGen^{NTC} BaseBox	Complex Parallel Gen-set Controller	IG-NTC-BB
InteliMains^{NTC} BaseBox	Mains Supervision Controller Base Unit	IM-NTC-BB
InteliGen^{NT}	Complex Parallel Gen-set Controller	IG-NT GC
InteliSys^{NTC} Hybrid	Hybrid system controller	IS-NTC HYBRID
InteliMains^{NT}	Mains Supervision Controller	IM-NT GC
InteliDrive DCU Marine	Modular Certified Engine Controller for Marine Applications	ID-DCU MARINE
InteliGen^{NT}BaseBox	Complex Parallel Gen-set Controller with Detachable Color Display	IG-NT-BB
InteliLite^{NT} MRS 15	Manual Remote Start (MRS) Gen-set Controller	IL-NT MRS15
InteliCompact^{NT} MINT	Gen-set Controller for Gen-sets in Multiple Parallel Applications	IC-NT MINT
InteliLite AMF 25	New generation of the most advanced Auto Mains Failure (AMF) Gen-set controller	IL3AMF25BAA

Certificates and standards

- ▶ EN 55032:2012 Class A / AC:2011 Class A
- ▶ EN 55024:2010
- ▶ EN 60945:2002
- ▶ EN 60529
- ▶ EN 60068-2-6 (2-25 Hz/±1.6mm; 25-100 Hz / 4.0 g)
- ▶ EN 60068-2-30:2005 25/55°C, RH 95%, 48hours
- ▶ Marine certification EU RO MR
- ▶ IACS E10

$C\mathcal{E}$ FCC $^{*)}$

*)

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.