

InteliVision 5 CAN Backlit



Order code: INTELIVISION 5 CAN Backlit

Datasheet

Marine Approved 5.7" Colour Display Unit with Backlit Buttons and CAN Bus Interface

Product description

InteliVision 5 CAN Backlit is a 5.7" TFT industrial colour display equipped with configurable active backlit buttons. It is intended for localized visualization and control (in combination with a ComAp controller).

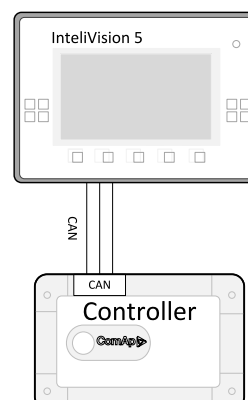
Key features

- ▶ 5.7" Colour TFT Display with a resolution of 320 × 240 pixels.
- ▶ Plug and play operation (auto configuration based on controller application).
- ▶ Direct connection to the controller (converters not needed).
- ▶ Communication connection via CAN.
- ▶ Configurable active buttons.
- ▶ Same language support as the controller including graphic languages.
- ▶ Graphical editor for screen configuration.
- ▶ IP65 protection.
- ▶ Operating temperature: -20 °C to +70 °C

Related products

- ▶ InteliSys Gas
- ▶ InteliSys^{NTC} BaseBox
- ▶ InteliGen^{NTC} BaseBox
- ▶ InteliGen^{NT} BaseBox
- ▶ InteliMains^{NTC} BaseBox
- ▶ InteliGen GSC
- ▶ InteliGen GSC-C
- ▶ InteliSys GSC-C
- ▶ InteliDrive DCU Industrial
- ▶ InteliDrive DCU Marine
- ▶ InteliDrive Mobile
- ▶ InteliDrive Mobile Logger
- ▶ InteliBifuel

Application overview



Technical data

Power supply

Power supply range	8-36 V DC
Power consumption (typical values)	6 W (Actual consumption depends on LCD backlight intensity and actual CPU consumption.)

Operating conditions

Operating temperature	-20 °C to +70 °C
Storage temperature	-30 °C to +80 °C
Protection	IP65
Humidity	95 % non-condensing (EN 60068-2-30)
Vibration	5-25 Hz, ± 1.6 mm 25-100 Hz, $a = 4$ g
Shocks	$a = 500$ m/s ²
Surrounding air temperature rating 70 °C.	
Suitable for pollution degree 2.	

Interfaces

CAN	Galvanically Isolated (120 Ω Termination Resistor - Jumper)
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Analog inputs

Resistive input	R = 0-2400 Ω R: ± 2 % for 0-250 Ω R: ± 4 % for 250-2400 Ω (Dedicated for external LCD backlight control, 5-2400 Ω corresponds to 0-100% backlight)
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Binary outputs

Specificalton	1x, Isolated max. 0.5 A (Active when controller's Horn output is activated)
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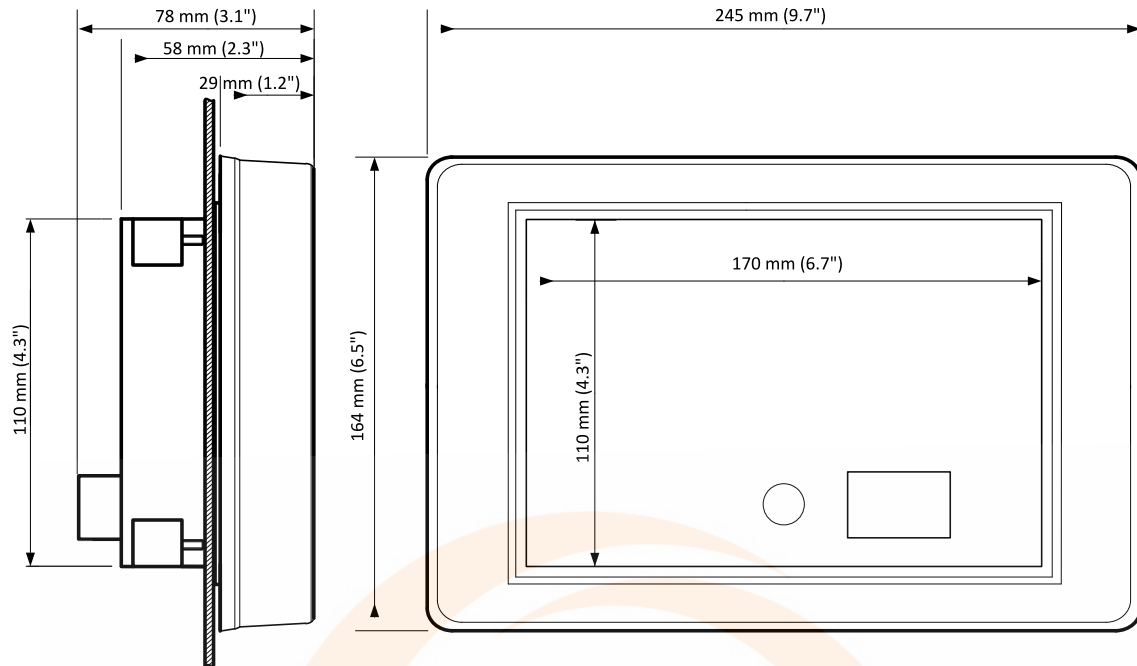
LCD specification

LCD panel	TFT 5.7"
Resolution	320 × 240 px

Mechanical

Housing	Plastic
Mounting	4 clips
Recommended cut-out	175 x 115 mm (6.89 x 4.53 in)

Dimension and mounting



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
InteliGen NT BaseBox	Complex Parallel Gen-set Controller	IG-NT-BB
InteliMains NTC BaseBox	Mains Supervision Controller Base Unit	IM-NTC-BB
InteliSys NTC Hybrid	Hybrid Gen-set controller	IS-NTC HYBRID
InteliGen GSC	Complex Parallel Gen-set Controller with Detachable Colour Display	IG2GSCXXBAB
InteliGen GSC-C	Complex Parallel Gen-set Controller with Detachable Colour Display	IG2GSCCXBAB
InteliSys GSC-C	Premium Gen-set Controller	IS2GSCCXBAB
InteliDrive DCU Industrial	Engine Controller for Pumps and Compressors	ID2DCUINBAA
InteliDrive DCU Marine	Engine controller for Marine Applications	ID-DCU Marine
InteliDrive Mobile	Electronic Controller for Off-road Vehicles and Machinery	ID-MOBILE
InteliDrive Mobile Logger	Data Logger for Diesel Engine Driven Mobile and Industrial Applications	ID-MOBILE LOGGER
InteliBifuel	Bi-fuel/dual fuel control system for single speed engine	IB2SGXDCBDK

Certificates and standards

▶ EN 61000-6-2 ▶ EN 61000-6-4 ▶ EN 60068-2-1 (-20 °C/16h) ▶ EN 60068-2-2 (70 °C/16h) ▶ EN 60068-2-6 (2-25 Hz/±1,6mm; 25-100 Hz / 4,0 g) ▶ EN 60068-2-27 (a=500 /m2; T=6 ms) ▶ EN 60068-2-30:2005 25/55°C, RH 95%, 48hours ▶ EN 60529 (IP65) ▶ UL 6200	 	
List of standards is available on: webstore.iec.ch		