

XA5 Tech-Note

Outdoor HMI 5" Capacitive Touchscreen, sunlight-readable with optical bonding

- 5" TFT color display, resolution 800x480 pixel
- · Projected capacitive touchscreen with optical bonding
- Multitouch operation
- Protection grade IP66/IP67 all-around
- Operating Temperature -30°C to +70°C
- Wi-Fi connection
- 2 Ethernet ports
- 2 CAN FD ports
- · Environment light sensor
- Standby mode with low power consumption. Wake-up with CAN message
- Plug-in module for system expansion



Highlights

XA5 is a rugged HMI designed for outdoor applications where robust and flexible instrumentation is needed. Its compact design features IP66/IP67 protection all around and it is suitable for arm-mounted or flush installations. The projected capacitive touchscreen and the brilliant 5" display with optical bonding guarantee great optical performance and sunlight readability.

Advanced power management and software optimization allow fast boot times and control of standby/wake up conditions in accordance with user settings.

Low-power consumption in standby mode is a key feature in battery-operated applications. The robust environmental ratings and the extensive range of interfaces make this products an optimal choice for harsh environments such as outdoor and marine.

- Programmable with JMobile software
- Optional CODESYS PLC
- · Optional Corvina Platform connectivity

XA5 - Technical Data

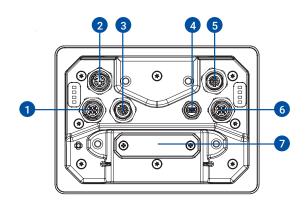




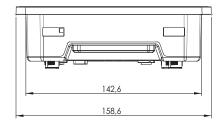


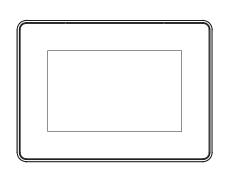
Display - Colors 5" TFT - 64K Resolution 800x480 Brightness 500 Cd/m² typ. Dimming Yes - down to 0%. Touchscreen Projected Capacitive, Multitouch, Optical Bonding CPU 32-BIT RISC Dual Core 650 MHz Operating System Linux RT Flash 8 GB RAM 1 GB FRAM 64 KB Real Time Clock, RTC Back-up Yes, rechargeable battery Interface Ethernet port CAN port 2, FD, isolated, up to 1 Mbit/s USB port 1 Host v. 2.0 500mA Serial port 1 SSR NO 60V 0.5A Wi-Fi IEEE 802.11a/b/g Sensors Temperature, 3-Axis Accelerometer, Environment Light Buzzer Yes Expansion 1 slot for plug-in modules Ratings Power supply 24 Vdc (10 to 32 Vdc) Power resupply 24 Vdc (10 to 32 Vdc) Power remanagement key Yes Environment Conditions Yes Operating Temperature -30°C to +70°C		
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Dimming		
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	UI	
	DNV*	Yes
RCM Yes	= : : :	

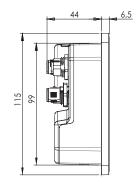
* Scheduled for 2024



- 1 CAN Port 1
- 2 Power supply
- 3 Ethernet Port 1 (10/100 Mb)
- 4 USB Port
- 5 Ethernet Port 2 (10/100 Mb)
- 6 CAN Port 2
- 7 Expansion slot for plugin modules







Ordering Information

1	Model	Part Number	Description
>	XA5	+XA5U5P1	Outdoor HMI 5" PCAP Touch, sunlight-readable with bonding, IP67, 2x Ethernet, Wi-Fi, JMobile runtime