

Xbase Smart Wired - Tech-Note

Companion of X7 / X10 Smart Wired Handheld, 2 Ethernet, Safety Outputs

- Single-cable simplicity with PoE
- Optimized for mobile HMIs
- Integrated safety functions
- High-performance architecture
- Advanced connectivity
- Flexible control integration
- Designed for industrial environments
- Reliable data handling
- Compact and installation-friendly design



Highlights

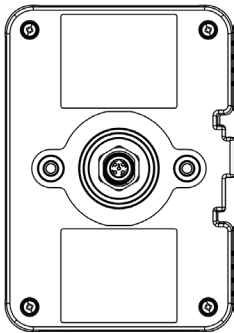
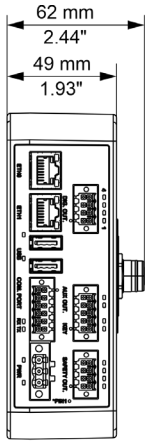
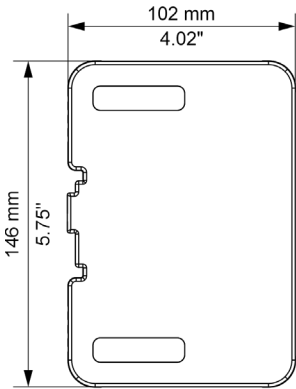
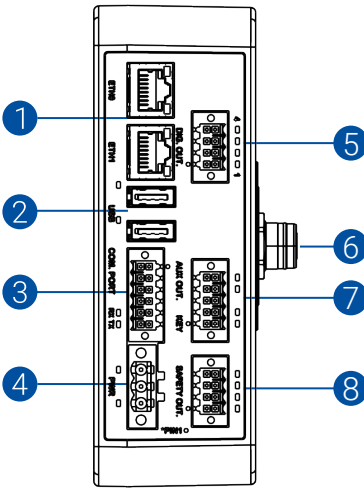
The Xbase Smart Wired is designed to work with PoE versions of X7 and X10 mobile HMIs, delivering both power and communication through a single, streamlined connection. The result is a thinner, lighter cable that significantly improves usability while maintaining the reliability and safety required in industrial environments.

By combining Power over Ethernet with real-time communication and integrated safety, Xbase Smart Wired redefines wired mobile control—offering a clean, efficient alternative to traditional cabling solutions. Built on a Linux RT platform and equipped with a full set of industrial interfaces, it ensures high performance, seamless integration, and long-term scalability.

Xbase Smart Wired - Technical Data



System Resources	
CPU	64-bit Quad Core - 1.6 GHz
Operating system	Linux RT
Flash	4 GB (eMMC pSLC)
RAM	1 GB
FRAM	64 KB
Real Time Clock, RTC Back-up	Yes - with rechargeable battery
Interfaces	
Ethernet port	2 (10/100Mbit)
Safety Link Wired Ethernet	10/100 Mbit PoE
Serial port	1 (RS-232, RS-485, RS-422)
CAN port	1
USB port	2 (Host V2.0, max. 500 mA)
Status LED	Yes – Bi-color
Auxiliary outputs (open drain) 4x	24 Vdc – 300mA
Key output	Yes
Safety Interface	
Emergency Stop Outputs	2 Channel Output Relay
Enable Switch Outputs	2 Channel Output Relay
Power Management	
Power Supply	24 Vdc (19.2 to 28.8 Vdc)
Isolation	Yes (Test according to EN 61010)
Current Consumption	1.19A Max., Class 2
Environment Conditions	
Operating Temperature	-20°C to +60°C
Storage Temperature	-20°C to +70°C
Operating/Storage Humidity	5-85% RH, non-condensing
Protection class	IP65 (when installed with cable), IP20 (internal cabinet)
Dimensions and Weight	
Length	102 (4.02")
Height	146 mm (5.75")
Width	49 + 13 mm (1.93" + 0.51")
Weight	0.400 Kg
Installation method	Panel mount
Panel thickness max	5 mm (with screws only)



1.

2x Ethernet port (10/100 Mbit)
2.

2x USB port V2.0
3.

COM port
4.

Power Supply
5.

Digital outputs
6.

PoE Connector
7.

Auxiliary outputs
8.

Safety outputs

Ordering Information

Model	Part Number	Description
Xbase Smart - YE0001	10500600YE-0000	X7 or X10 Smart Wired Connection Box