

ZTOP04C

The ZTOP04C is a compact HMI device with touchscreen interface and a high-resolution 4.3" widescreen TFT display. The built-in 100Mb Ethernet interface enhances its communication capability. It is the ideal solution for applications where low cost and small size, without compromising performance, are a requirement.



- 4.3" TFT color display
- 256 colors
- 480x272 pixel resolution
- Resistive touchscreen
- 2 MB user memory
- Ethernet interface
- USB port
- Connection to industrial bus systems
(requires optional plug-in modules)

Highlights

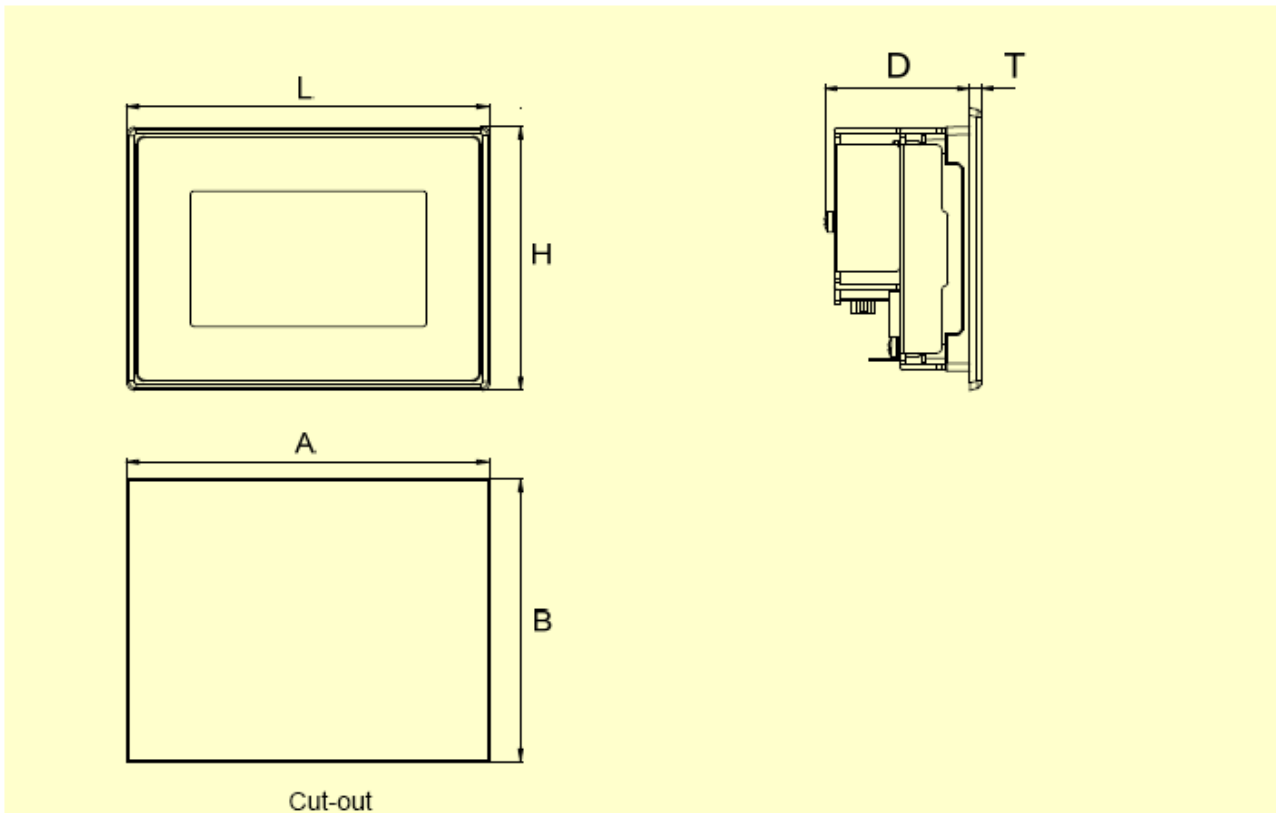
The ZTOP04C panel is a compact and low-cost product. It supports the rich common functionality of the ZTOP operator panels:

- Powerful and intuitive programming with the UniOP Designer 6 software
- Support of more than 150 communication drivers for industrial devices
- Integrated Ethernet port for connection to field devices as well as programming the HMI from Designer.
- USB host port for the connection of flash drives. Flash drives can be used for application upgrade as well as firmware upgrade of the device
- Optional modules for fieldbus systems (Profibus DP, CANopen, DeviceNet, Interbus).
- Dual-driver communication capability; dual serial communication configurations are possible with the use of the optional TCM15/TCM16 modules.
- Advanced graphic capabilities
- Display dynamic data in numerical, text, bargraph and graphic image formats
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection or copied to flash drives via USB connection.
- Multilanguage applications. The number of runtime languages is limited only by the available memory. All text information in the application can be exported in Unicode format for easier translation.
- Powerful macro editor to configure touchscreen operation
- Alarms and historical alarm list. Alarm and event information can be printed or transferred to a host computer using the Ethernet connection.
- Eight level password protection.
- Ethernet-based network to share data between ZTOP HMIs and to serve data using OPC Server.

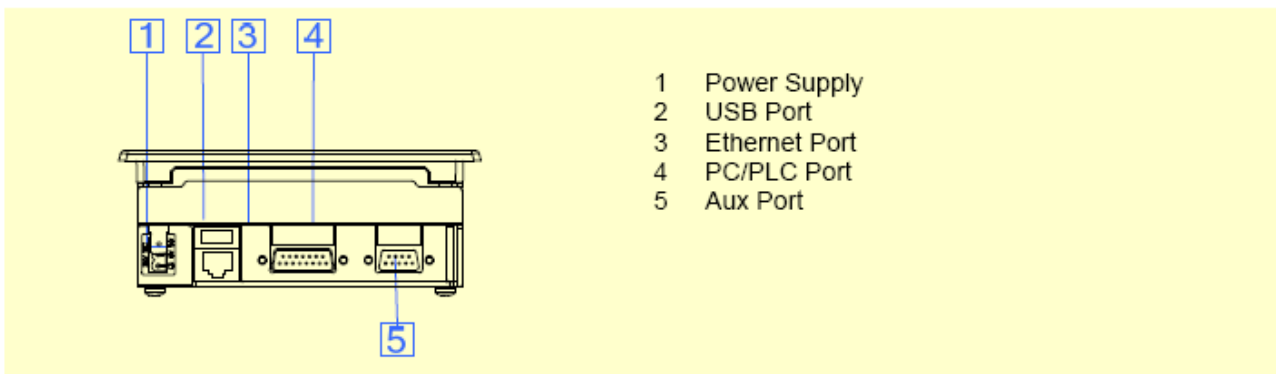
Technical Data

Display		UniNet network	
Type	TFT	Alarms	Client/Server
Resolution	480x272 pixel	Event list	1024
Active display area	4.3" diagonal (95.4x53.9 mm)	Password	256
Colors	256	Hardware RTC	Yes
Backlight	LED	Screen saver	Yes, battery backed
Brightness	120 cd/m ² typ.	Buzzer	Yes
Dimming	Yes	Battery	No
Memory		Rechargeable Lithium battery, not user-replaceable	
User memory	2 MB internal Flash	Ratings	
Alternate User memory	-	Power supply voltage	24 V DC (18 to 30 V DC)
Front panel		Current rating	0.4 A at 24 VDC
Touch screen	Analog resistive	Fuse	Automatic
Function keys	-	Weight	Approx 1.0 Kg
System keys	-	Environmental Conditions	
User LED's	-	Operating temperature	0 to 50 °C (vertical mounting)
System LED's	-	Storage temperature	-20 to +70 °C
Interfaces		Operating and storage humidity	5 – 85 % RH non-condensing
PC/Printer port	-	Protection class	IP65 (front panel)
PLC port	RS-232, RS-485, RS-422	Dimensions	
Ethernet port	100 Mbit	Faceplate LxH	149x109 mm (5.86x4.29")
USB port	Host version 1.1	Cutout AxB	136x96 mm (5.35x3.78")
Aux port (fieldbus)	Yes, with optional modules	Mounting depth D+T	56 + 4.5mm (2.40+0.18")
DX port (video input)	No	Approvals	
Serial programming speed	9600 – 38400 bps	CE	Emission
Functionality			EN 61000-6-4
Vector graphics	No		Immunity
Dual driver capability	Yes		EN 61000-6-2
Video input	No		for installation in industrial environments
Data acquisition and trends	No		
Recipe memory	32 KB		

Dimensions



Connections



Ordering Information

ZTOP04C

4.3" 1/4 VGA TFT color touchscreen panel with Ethernet interface

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