

UniOP eTOP504W

The UniOP eTOP Series 500W HMI products combine state-of-the-art features and top performance with an outstanding design. They are the ideal choice for all demanding HMI applications including factory and building automation. These products are a cost-effective and low-power requirement platform for delivering applications based on Microsoft Windows CE 6.0 R3. The eTOP504W features a compact 4.3" TFT widescreen (16:9) display with a fully dimmable LED backlight.



- ARM Cortex A8 600MHz CPU
- 256MB DDR RAM
- 4.3" TFT color display
- 480x272 pixel resolution, 64K colors
- Resistive touchscreen
- 2 Ethernet ports with switch function
- USB Host port
- SD Card slot
- Multistandard Serial Port

Highlights

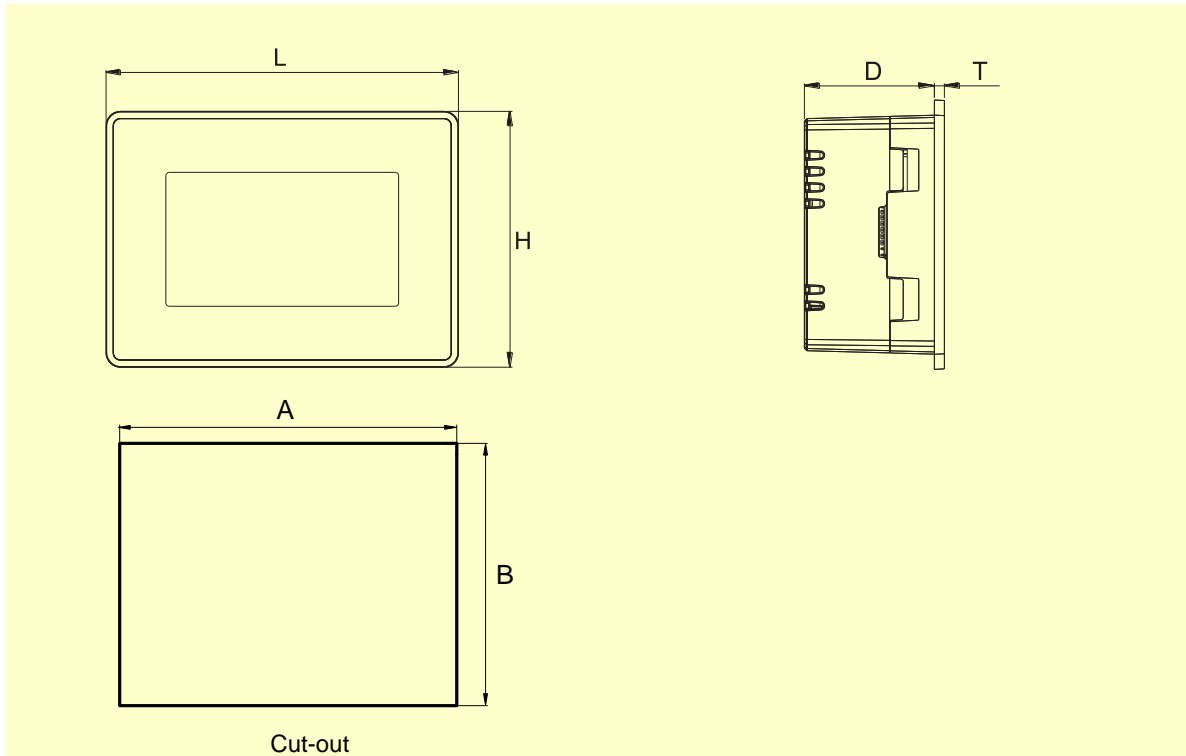
The eTOP Series 500W HMI panels are a fast and low-power running the Microsoft Windows CE 6 operating system. The fanless design and wide operating temperature range are suitable for the most demanding industrial environments. The richness of communication options make these products easy to integrate in most systems.

Technical Data

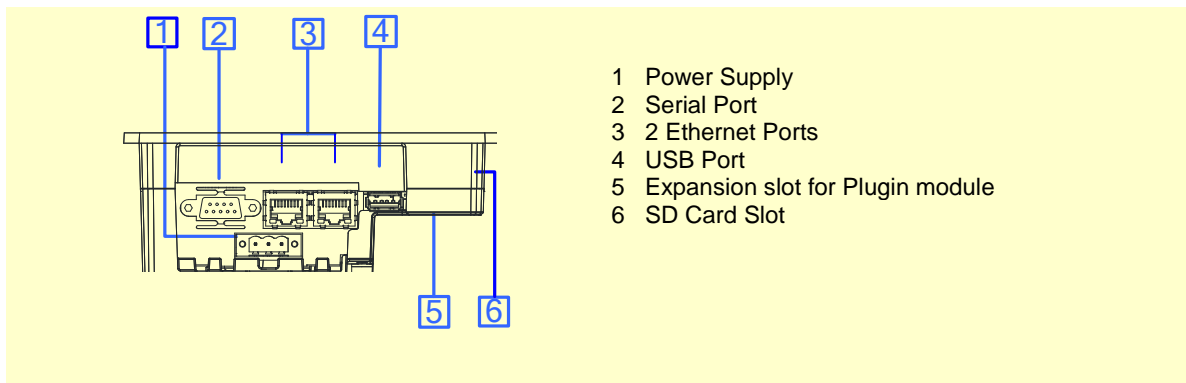
Display	
Type	TFT
Resolution	480x272 pixel
Active display area	4.3" diagonal (95.4x53.9 mm)
Colors	64K
Backlight	LED
Brightness	150 cd/m ² typ.
Dimming	Yes
System Resources	
CPU	ARM Cortex A8 600MHz
Operating System	Microsoft Windows CE 6.0
User memory	128 MB Flash
RAM	256MB DDR
Operator Interface	
Touchscreen	Analog resistive
LED indicators	1 (dual color)
Interface	
Ethernet	2 10/100 Mbit with integrated Switch
USB	1 Host interfaces v.2.0
Serial	RS-232, RS-485, RS-422, software configurable
Expansion Slot	1 Optional Plugin
Memory Card	SD Card Slot
Functionality	
Hardware Real Time Clock	Yes, with battery back-up
Screen saver	Yes
Buzzer	Yes, audible feedback for touchscreen
Ratings	
Power supply voltage	24 Vdc (10 to 32 Vdc)
Current consumption	0.55A at 24Vdc(max.)
Fuse	Automatic
Weight	Approx 1.0 Kg

Battery	Rechargeable Lithium battery, not user-replaceable
Environmental Conditions	
Operating temperature	0 to 50 °C (vertical installation)
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 – 85 % relative humidity, non-condensing
Protection class	IP66 (front) IP20 (rear)
Dimensions	
Faceplate LxH	147x107 mm (5.78x4.21")
Cutout AxB	136x96 mm (5.35x3.78")
Depth D+T	56 + 4mm (2.40+0.16")
Approvals	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
DNV	DNV Type Approval Certificate
UL	UL508 Listed Haz. Loc. Class I, Division 2, Groups A,B,C and D.
C-Tick	C-Tick mark

Dimensions



Connections



Ordering Information

Model-Type	Part Number	Description
eTOP504W-White	ETOP504U1PW	4.3" TFT color touchscreen panel with Ethernet interface, White front panel.
eTOP504W-Silver	ETOP504U2PW	4.3" TFT color touchscreen panel with Ethernet interface. Silver front panel.
eTOP504W-Black	ETOP504U3PW	4.3" TFT color touchscreen panel with Ethernet interface Black front panel.
PROTFOIL-04-GL	R-PROT11	Disposable protection foil for 3.5"/3.8"/4.3" eTOP touch panels (10 pieces)
PROTFOIL-04-UV	R-PROT17	Disposable protection foil for 3.5"/3.8"/4.3" eTOP touch panels (10 pieces). UV resistant

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