![EXOR INTERNATIONAL]

Tech-note

UniOP eTOP515W

The UniOP eTOP Series 500W HMI products combine state-of-the-art features and top performance with an oustanding 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 eTOP515W features a bright 15" TFT 4:3 display with a fully dimmable LED backlight.

- ARM Cortex A8 1GHz CPU
- 256MB DDR RAM
- 15" XGA TFT color display, LED backlight
- 1024x768 pixel resolution, 64K colors
- Resistive touchscreen
- 2 Ethernet ports with switch function
- 2 USB Host ports
- SD Card Slot
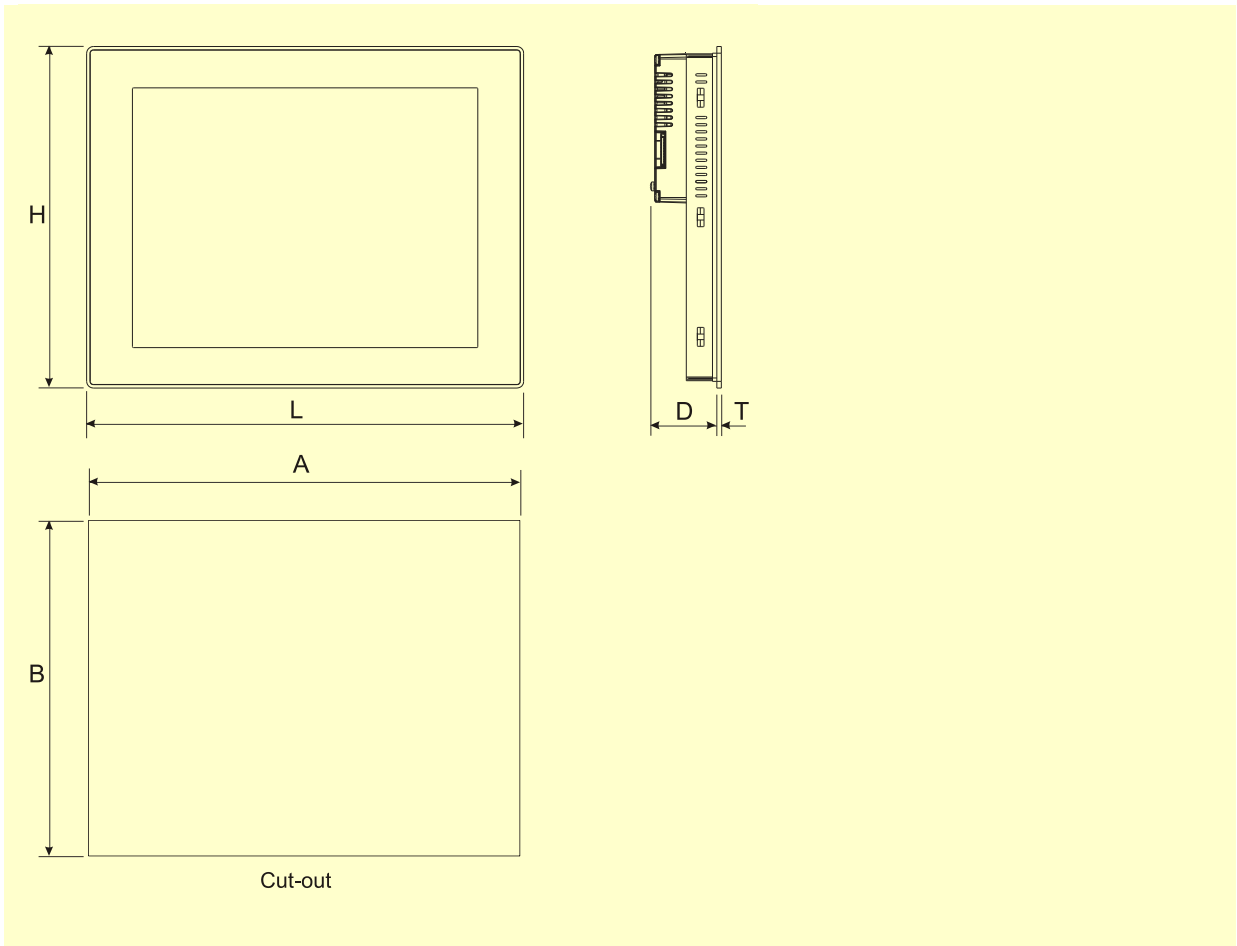- Slim design. Mounting depth less than 50mm

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.
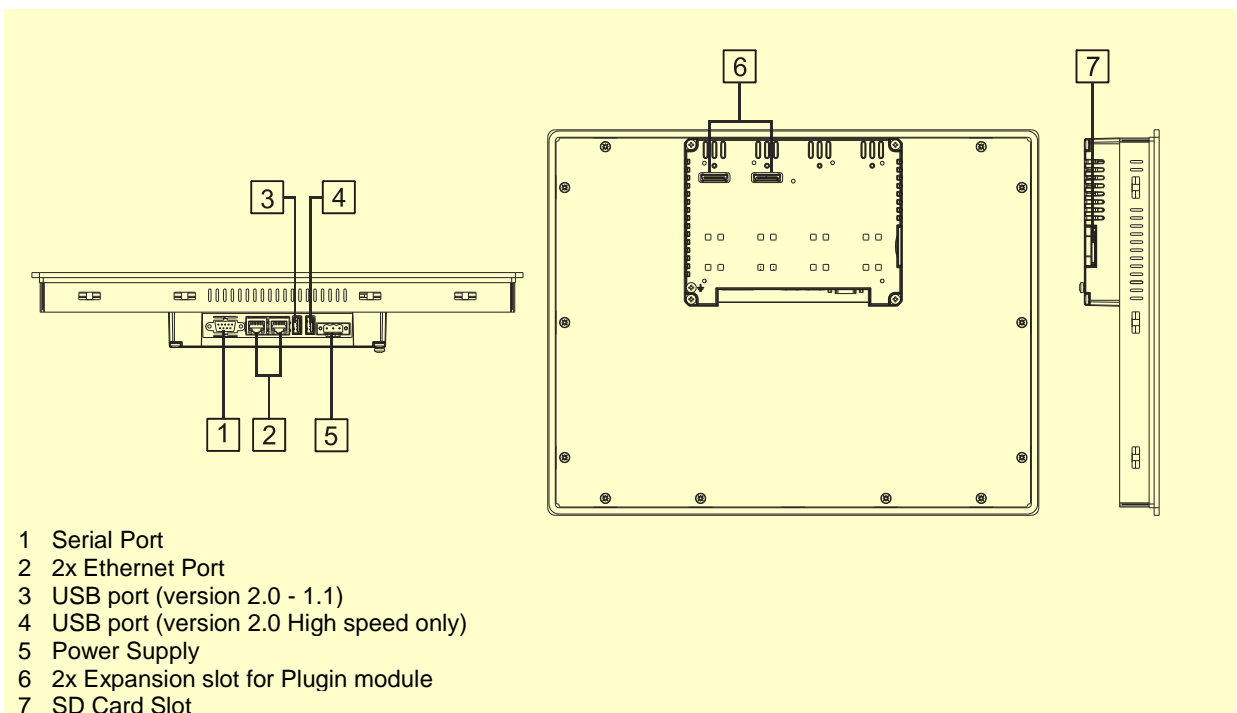
Tech-note

Technical Data

Display
Type	TFT
Resolution	1024x768, XGA
Active display area	15"
Colors	64K
Backlight	LED
Brightness	300 Cd/m^2 typ.
Dimming	Yes

System Resources
CPU	ARM Cortex A8 1GHz
Operating System	Microsoft Windows CE 6.0
User memory	256 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	2 Host Interface (1 version 2.0, 1 version 2.0 and 1.1)
Serial	RS-232, RS-485, RS-422, software configurable
Expansion Slot	2 Optional plug-in
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	1.25A at 24Vdc(max.)
Fuse	Automatic
Weight	Approx 3.5 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	392x307 mm (15.43x12.08")
Cutout AxB	381x296 mm (15x11.65")
Depth D+T	60+4 mm (2.36+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

Cut-out

Connections

1 Serial Port
2 2x Ethernet Port
3 USB port (version 2.0 - 1.1)
4 USB port (version 2.0 High speed only)
5 Power Supply
6 2x Expansion slot for Plugin module
7 SD Card Slot

Ordering Information

Model	Part Number	Description
eTOP515W-White	+ETOP515U1PW	15" TFT color touchscreen with Ethernet and USB interfaces. White front panel.
eTOP515W-Silver	+ETOP515U2PW	15" TFT color touchscreen with Ethernet and USB interfaces. Silver front panel.
eTOP515W-Black	+ETOP515U3PW	15" TFT color touchscreen with Ethernet and USB interfaces. Black front panel.
PROTFOIL-15-GL	R-PROT16	Disposable protection foil for 15" widescreen eTOP touch panels (10 pieces).
PROTFOIL-15-UV	R-PROT22	Disposable protection foil for 15" widescreen eTOP touch panels (10 pieces). UV resistant.

ptn0501-0.doc - 13.01.2015