

# Solid as a Rock eTOP 300/400



5  
years  
warranty

EXOR INTERNATIONAL

**EXOR**

# eTOP 300/400

At a glance

- **Five years warranty**
- Worldwide sales & service
- High-performance touchpanels
- Brilliant displays with LED technology
- Gateway function
- Built-in Ethernet, USB host port and serial port
- Optional plug-in modules for fieldbus systems and networks
- Optional integrated PLC
- Now available in three front colors

The eTOP Series 300 HMI panels are fully compatible with UniOP Designer 6 software

- Powerful and intuitive programming with the UniOP Designer 6 software
- Support of a wide range of communication drivers
- Dual-driver communication capability
- Data display in numerical, text, bargraph, analog gauges and graphic image formats  
Dynamic object properties supported
- Data acquisition and trend presentation
- Recipe data storage
- Multilanguage applications
- Powerful macro editor
- Alarms and historical alarm list
- Password protection
- Report printing to serial printer
- Vector graphic capabilities including the support of multiple layers and object transparency

The eTOP Series 400 HMI panels are fully compatible with JMobile software

- JMobile is a software suite for connecting equipment and visualizing data
- JMobile applications are easily and quickly configured using JMobile Studio
- A multi-platform concept for run-time software (Windows PC, WES, CE6.0, Linux, ...)
- Rich set of classic HMI features: Data acquisition, Alarm handling, Multiple Languages, Recipes, Tag Editor and Tag database, User and Passwords, Scripting, ...
- Rich symbol library and project templates
- Support of a wide range of communication drivers
- Remote monitoring and control
- Advanced connectivity options for data sharing
- Off-line and on-line simulation
- Advanced HMI objects: e-mail, RSS feeds, Scheduler, Rotating menu, Video input, Dynamic object properties
- Optional IEC 61131-3 Soft PLC (CoDeSys)
- Windows Embedded CE 6.0





Technical Data

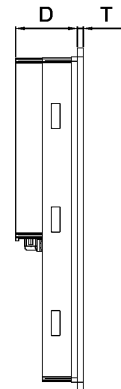
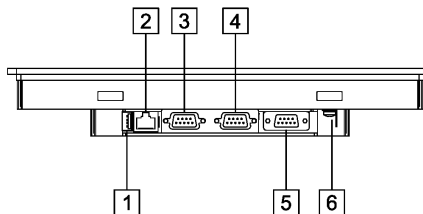


	eTOP404	eTOP306/406	eTOP307/407	eTOP308/408
Display	4.3" diagonal TFT	5.7" diagonal TFT	7" diagonal TFT	7.5" diagonal TFT
Resolution	480x272 wide	320x240, QVGA	800x480, WVGA	640x480, VGA
Backlight	LED	LED	LED	CCFL/LED*
Brightness	120 Cd/m2 typ.	130 Cd/m2 typ.	160 Cd/m2 typ.	250 Cd/m2 typ.
Dimming	Yes	Yes	Yes	Yes
Colors	64K	64K	64K	64K
Touchscreen	Analog resistive	Analog resistive	Analog resistive	Analog resistive
Memory - Flash	128 MB	64 MB/128 MB	64 MB/128 MB	64 MB/128 MB
Memory - RAM	128 MB	128 MB/128 MB	128 MB/128 MB	128 MB/128 MB
Serial	RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable
Ethernet	10/100 Mbit	10/100 Mbit	10/100 Mbit	10/100 Mbit
USB	V2.0	Host V1.1/V2.0	Host V1.1/V2.0	Host V1.1/V2.0
Alarms	Yes	Yes/Yes	Yes/Yes	Yes/Yes
Alarm history	Yes	Yes/Yes	Yes/Yes	Yes/Yes
Recipes	Yes	Yes/Yes	Yes/Yes	Yes/Yes
Password	Yes	Yes/Yes	Yes/Yes	Yes/Yes
Trends	Yes	Yes/Yes	Yes/Yes	Yes/Yes
Multi languages	Yes	Yes/Yes	Yes/Yes	Yes/Yes
Offline Simulation	Yes	No/Yes	No/Yes	No/Yes
On-line Simulation	Yes	No/Yes	No/Yes	No/Yes
Remote Control	Yes	No/Yes	No/Yes	No/Yes
RTC	Yes, battery backed	Yes, battery backed	Yes, battery backed	Yes, battery backed
Battery	Rechargeable Lithium battery	Rechargeable Lithium battery	Rechargeable Lithium battery	Rechargeable Lithium battery
Power supply	24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)
Current consumption (typ)	0.4 A at 24 VDC (max.)	0.55 A at 24 VDC (max.)	0.6A at 24 VDC (max.)	0.9 A at 24 VDC (max.)
Operating Temperature	0 to 50 °C	0 to 50 °C	0 to 50 °C	0 to 50 °C
Storage Temperature	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C
Relative Humidity	5 – 85% RH non-condensing	5 – 85% RH non-condensing	5 – 85% RH non-condensing	5 – 85% RH non-condensing
Weight	0.6 Kg	1.0 Kg	1.0 Kg	1.2 Kg
Front Panel (WxH) mm	147x107 mm (5.79x4.21")	187x147 mm (7.36x5.79")	187x147 mm (7.36x5.79")	232x187 mm (9.14x7.63")
Cut-out (WxH) mm	136x96 mm (5.35x3.78")	176x136 mm (6.93x5.35")	176x136 mm (6.93x5.35")	221x176 mm (8.70x6.93")
Depth mm	56 mm (2.40")	45 mm (1.77")	45 mm (1.77")	42 mm (1.63")
Degree of Protection (front)	IP65	IP65	IP65	IP65
Degree of Protection (rear)	IP20	IP20	IP20	IP20
Approvals	.CE for industrial environments .UL508	.CE for industrial environments .UL508	.CE for industrial environments .UL508	.CE for industrial environments .UL508
Programming software	JMobile	Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile
Front Colors	Black/White/White Aluminium	Black/White/White Aluminium	Black/White/White Aluminium	Black/White/White Aluminium

\* Display in LED technology available from December 2010

Dimensions

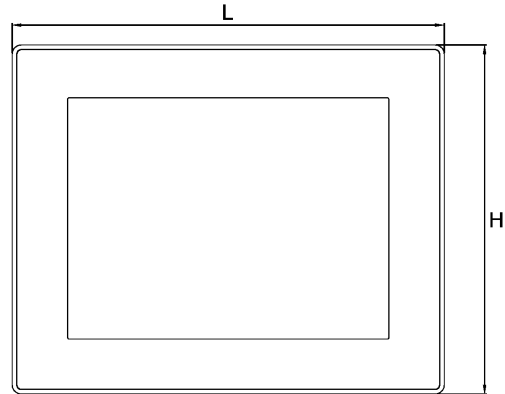
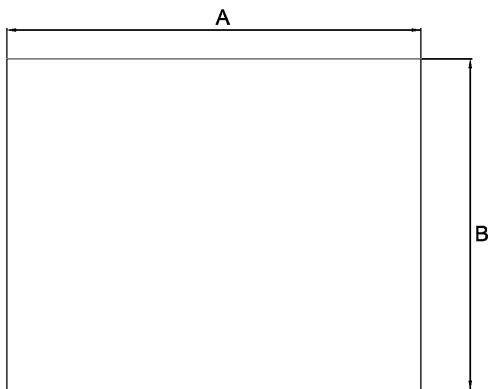
- 1 USB
- 2 ETHERNET
- 3 PC/PRINTER PORT
- 4 PLC PORT
- 5 AUX PORT
- 6 POWER



Technical Data



eTOP310/410	eTOP312/412	eTOP313/413	eTOP315/415
10.4" diagonal TFT	12.1" diagonal TFT	13.3" diagonal TFT	15" diagonal TFT
640x480, VGA	800x600, SVGA	1280x800, WXGA	1024x768, XGA
CCFL/LED*	CCFL/LED*	CCFL/LED*	CCFL/LED*
250 Cd/m2 typ.	250 Cd/m2 typ.	250 Cd/m2 typ.	250 Cd/m2 typ.
Yes	Yes	Yes	Yes
64K	64K	64K	64K
Analog resistive	Analog resistive	Analog resistive	Analog resistive
64 MB/128 MB	64 MB/128 MB	64 MB/128 MB	64 MB/128 MB
128 MB/128 MB	128 MB/128 MB	128 MB/128 MB	128 MB/128 MB
RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable	RS-232, RS-485, RS-422, software configurable
10/100 Mbit	10/100 Mbit	10/100 Mbit	10/100 Mbit
Host V1.1/V2.0	Host V1.1/V2.0	Host V1.1/V2.0	Host V1.1/V2.0
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
No/Yes	No/Yes	No/Yes	No/Yes
No/Yes	No/Yes	No/Yes	No/Yes
No/Yes	No/Yes	No/Yes	No/Yes
Yes, battery backed	Yes, battery backed	Yes, battery backed	Yes, battery backed
Rechargeable Lithium battery	Rechargeable Lithium battery	Rechargeable Lithium battery	Rechargeable Lithium battery
24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)
1.2A at 24 VDC (max.)	1.4 A at 24 VDC (max.)	1.4 A at 24 VDC (max.)	1.5 A at 24 VDC (max.)
0 to 50 °C	0 to 50 °C	0 to 50 °C	0 to 50 °C
-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C
5 – 85% RH non-condensing	5 – 85% RH non-condensing	5 – 85% RH non-condensing	5 – 85% RH non-condensing
2.1 Kg	2.8 Kg	2.5 Kg	3.4 Kg
287x232 mm (11.30x9.14")	337x267 mm (13.26x10.51")	337x267 mm (13.26x10.51")	392x307 mm (15.43x12.08")
276x221 mm (10.87x8.70")	326x256 mm (12.83x10.08")	326x256 mm (12.83x10.08")	381x296 mm (15.00x11.65")
42 mm (1.63")	42 mm (1.63")	42 mm (1.63")	46 mm (1.79")
IP65	IP65	IP65	IP65
IP20	IP20	IP20	IP20
.CE for industrial environments .UL508	.CE for industrial environments .UL508	.CE for industrial environments .UL508	.CE for industrial environments .UL508
Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile
Black/White/White Aluminium	Black/White/White Aluminium	Black/White/White Aluminium	Black/White/White Aluminium





#### CONTACT INFORMATION

Exor International, Inc., [www.exorint.net](http://www.exorint.net)



code BRUN0021003ENG - Subject to change without notice

#### GERMANY

Exor GmbH  
Phone: +49 202 27911 0  
Fax: +49 202 27911 44  
[info@exor.de](mailto:info@exor.de)  
[www.exor.de](http://www.exor.de)

#### INDIA

Exor India Private Ltd.  
Phone: +91 22 22653058  
Fax: +91 22 22656064  
[info@exorindia.com](mailto:info@exorindia.com)  
[www.exorindia.com](http://www.exorindia.com)

#### ITALY

Sitek S.p.A.  
Phone: +39 045 8750404  
Fax: +39 045 8779023  
[info@sitek.it](mailto:info@sitek.it)  
[www.sitek.it](http://www.sitek.it)

#### SWITZERLAND

Exor Schweiz GmbH  
Phone: +41 55 6195807  
Fax: +41 55 6195806  
[info@exorschweiz.ch](mailto:info@exorschweiz.ch)  
[www.exorschweiz.ch](http://www.exorschweiz.ch)

#### USA

Exor Electronic R&D  
Phone: +1 513 874 0900  
Fax: +1 513 874 2707  
[info@exor-rd.com](mailto:info@exor-rd.com)  
[www.exor-rd.com](http://www.exor-rd.com)

Sold by AA Electric 1-800-237-8274 • Lakeland, FL • Lawrenceville, GA • East Rutherford, NJ

Web : [www.A-Aelectric.com](http://www.A-Aelectric.com) Email: [njsales@a-aelectric.com](mailto:njsales@a-aelectric.com)