

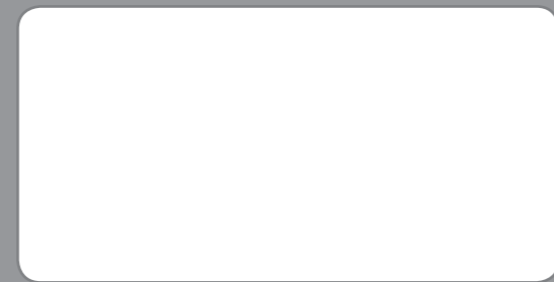


Solid as a Rock eTOP 300/400



**EXOR**

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**EXOR**

# eTOP 300/400

At a glance

- **Five year 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, bar graph, 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, 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)



	eTOP306/406	eTOP307/407	eTOP308/408	eTOP310/410	eTOP312/412	eTOP313/413	eTOP315/415
Display	5.7" diagonal TFT	7" diagonal TFT	7.5" diagonal TFT	10.4" diagonal TFT	12.1" diagonal TFT	13.3" diagonal TFT	15" diagonal TFT
Resolution	320x240, QVGA	800x480, WVGA	640x480, VGA	640x480, VGA	800x600, SVGA	1280x800, WXGA	1024x768, XGA
Backlight	LED	LED	CCFL/LED*	CCFL/LED*	CCFL/LED*	CCFL/LED*	CCFL/LED*
Brightness	130 Cd/m2 typ.	160 Cd/m2 typ.	250 Cd/m2 typ.	250 Cd/m2 typ.	250 Cd/m2 typ.	250 Cd/m2 typ.	250 Cd/m2 typ.
Dimming	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Colors	64K	64K	64K	64K	64K	64K	64K
Touchscreen	Analog resistive	Analog resistive	Analog resistive	Analog resistive	Analog resistive	Analog resistive	Analog resistive
Memory - Flash	64 MB/128 MB	64 MB/128 MB	64 MB/128 MB	64 MB/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/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	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	10/100 Mbit	10/100 Mbit	10/100 Mbit
USB	Host V1.1/V2.0	Host V1.1/V2.0	Host V1.1/V2.0	Host V1.1/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/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Alarm history	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Recipes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Password	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Trends	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Multi languages	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Offline Simulation	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes
On-line Simulation	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes
Remote Control	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes
RTC	Yes, battery backed	Yes, battery backed	Yes, battery backed	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	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)	24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)	24 VDC (18 to 30 VDC)
Current consumption (typ)	0.55 A at 24 VDC (max.)	0.6A at 24 VDC (max.)	0.9 A at 24 VDC (max.)	1.2A at 24 VDC (max.) /0.75A at 24VDC (max.)	1.4 A at 24 VDC (max.)	1.4 A at 24 VDC (max.)	1.5 A at 24 VDC (max.)
Operating Temperature	0 to 50 °C	0 to 50 °C	0 to 50 °C	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	-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	5 – 85% RH non-condensing	5 – 85% RH non-condensing	5 – 85% RH non-condensing
Weight	1.0 Kg	1.0 Kg	1.2 Kg	2.1 Kg	2.8 Kg	2.5 Kg	3.4 Kg
Front Panel (WxH) mm	187x147 mm (7.36x5.79")	187x147 mm (7.36x5.79")	232x187 mm (9.14x7.63")	287x232 mm (11.30x9.14")	337x267 mm (13.26x10.51")	337x267 mm (13.26x10.51")	392x307 mm (15.43x12.08")
Cut-out (WxH) mm	176x136 mm (6.93x5.35")	176x136 mm (6.93x5.35")	221x176 mm (8.70x6.93")	276x221 mm (10.87x8.70")	326x256 mm (12.83x10.08")	326x256 mm (12.83x10.08")	381x296 mm (15.00x11.65")
Depth mm	45 mm (1.77")	45 mm (1.77")	42 mm (1.63")	42 mm (1.63")	42 mm (1.63")	42 mm (1.63")	46 mm (1.79")
Degree of Protection (front)	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Degree of Protection (rear)	IP20	IP20	IP20	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	CE for industrial environments UL508	CE for industrial environments UL508	CE for industrial environments UL508
Programming software	Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile	Designer 6/JMobile
Front Colors	Black/White/White Aluminum	Black/White/White Aluminum	Black/White/White Aluminum	Black/White/White Aluminum	Black/White/White Aluminum	Black/White/White Aluminum	Black/White/White Aluminum

\* Display in LED technology available within 2011

Dimensions

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

