



Solid as a Rock

500 series



**EXOR**  
INTERNATIONAL

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500 series

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EXOR INTERNATIONAL

# The UniOP eTOP 500 Series HMI

The UniOP eTOP 500 Series 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.

- 5 Year Warranty
- Innovative mechanical design and all-metal enclosure
- Available in different sizes from 4.3" to 15"
- High-performance touchscreen HMI's
- Brilliant displays with LED technology all in full color
- Gateway function, remote installation of application and remote assistance
- Ethernet, USB, serial ports and MPI integrated
- Optional plug-in modules for fieldbus systems and networks
- Support SD Card
- Coating on all Electronic Boards
- Optional IEC 61131-3 Soft PLC (CODESYS V3)
- Front available in three colors (White/Black/Silver)
- Special versions for special applications

## Software Highlights:

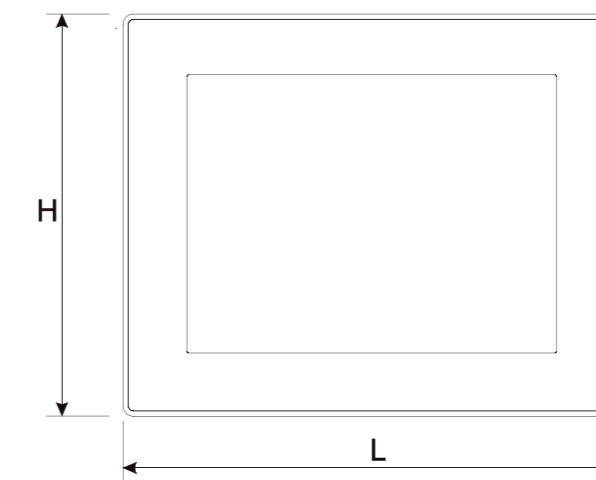
Products have been designed as the ideal platform for JMobile applications

- Powerful and intuitive programming with JMobile Studio
- Support of a wide range of communication drivers
- Data display as numerical, text, bargraph, analog gauges and graphic image formats
- Data acquisition and trend presentation
- Recipe data handling
- Full support of multilanguage applications
- Powerful script language
- Alarm handling
- User and group access control
- Monitoring and remote control
- Report printing to USB printer
- Optional IEC 61131-3 Soft PLC (CODESYS V3)
- Rich set of HMI features: dynamic objects, data acquisition, alarm handling, Multilanguage applications, recipes, tag editor and tag database, user and password, scripting ...
- Rich symbol library and project templates
- On-line and off-line Simulation for applications
- Advanced HMI objects: e-mail, RSS feeds, Scheduler, Rotating menu, Video input



	eTOP504	eTOP506	eTOP507	eTOP507M	eTOP510	eTOP512	eTOP513	eTOP515
Display - Colors	4.3" TFT 16:9 LED - 64K	5.7" TFT LED - 64K	7" TFT 16:9 LED - 64K	7" TFT 16:9 LED - 64K	10"4 TFT LED - 64K	12"1 TFT LED - 64K	13"3 TFT 16:9 LED - 64K	15" TFT LED - 64K
Resolution	480x272, WVGA	320x240, QVGA	800x480, WVGA	800x480, WVGA	800x600, SVGA	800x600, SVGA	1280x800, WXGA	1024x768, XGA
Brightness	150 Cd/m² typ.	200 Cd/m² typ.	300 Cd/m² typ.	300 Cd/m² typ.	300 Cd/m² typ.	300 Cd/m² typ.	300 Cd/m² typ.	300 Cd/m² typ.
Dimming	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Touchscreen	Resistive	Resistive	Resistive	Resistive	Resistive	Resistive	Resistive	Resistive
Portrait Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CPU	ARM Cortex-A8 - 600 MHz	ARM Cortex-A8 - 600 MHz	ARM Cortex-A8 - 600 MHz	ARM Cortex-A8 - 1 GHz	ARM Cortex-A8 - 1 GHz	ARM Cortex-A8 - 1 GHz	ARM Cortex-A8 - 1 GHz	ARM Cortex-A8 - 1 GHz
User Memory	128 MB Flash	128 MB Flash	128 MB Flash	256 MB Flash	256 MB Flash	256 MB Flash	256 MB Flash	256 MB Flash
Serial	RS-232, RS-485, RS-422, MPI software configurable	RS-232, RS-485, RS-422, MPI software configurable	RS-232, RS-485, RS-422, MPI software configurable	RS-232, RS-485, RS-422, MPI software configurable	RS-232, RS-485, RS-422, MPI software configurable	RS-232, RS-485, RS-422, MPI software configurable	RS-232, RS-485, RS-422, MPI software configurable	RS-232, RS-485, RS-422, MPI software configurable
Ethernet	2 10/100 Mbit with integrated Switch	2 10/100 Mbit with integrated Switch	2 10/100 Mbit with integrated Switch	2 10/100 Mbit with integrated Switch	2 10/100 Mbit with integrated Switch	2 10/100 Mbit with integrated Switch	2 10/100 Mbit with integrated Switch	2 10/100 Mbit with integrated Switch
USB	1 Host interface v.2.0	2 Host interfaces (1 version 2.0, 1 version 2.0 and 1.1)	2 Host interfaces (1 version 2.0, 1 version 2.0 and 1.1)	2 Host interfaces (1 version 2.0, 1 version 2.0 and 1.1)	2 Host interfaces (1 version 2.0, 1 version 2.0 and 1.1)	2 Host interfaces (1 version 2.0, 1 version 2.0 and 1.1)	2 Host interfaces (1 version 2.0, 1 version 2.0 and 1.1)	2 Host interfaces (1 version 2.0, 1 version 2.0 and 1.1)
Vector Graphics	Yes, includes SVG support	Yes, includes SVG support	Yes, includes SVG support	Yes, includes SVG support	Yes, includes SVG support	Yes, includes SVG support	Yes, includes SVG support	Yes, includes SVG support
Object dynamics	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TrueType fonts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarms with historical list	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recipes and Password	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Trends	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multilanguage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reports	PDF / USB Printer	PDF / USB Printer	PDF / USB Printer	PDF / USB Printer	PDF / USB Printer	PDF / USB Printer	PDF / USB Printer	PDF / USB Printer
PDF Reader	Optional	Optional	Optional	Yes	Yes	Yes	Yes	Yes
Video Player	No	No	No	Yes	Yes	Yes	Yes	Yes
IP Camera	Frame / Streaming MJPEG	Frame / Streaming MJPEG	Frame / Streaming MJPEG	Frame / Streaming MJPEG	Frame / Streaming MJPEG	Frame / Streaming MJPEG	Frame / Streaming MJPEG	Frame / Streaming MJPEG
Communication / Gateway	4 protocols	4 protocols	4 protocols	4 protocols	4 protocols	4 protocols	4 protocols	4 protocols
Real Time Clock	Yes, with battery	Yes, with battery	Yes, with battery	Yes, with battery	Yes, with battery	Yes, with battery	Yes, with battery	Yes, with battery
Battery	Rechargeable Lithium Battery	Rechargeable Lithium Battery	Rechargeable Lithium Battery	Rechargeable Lithium Battery	Rechargeable Lithium Battery	Rechargeable Lithium Battery	Rechargeable Lithium Battery	Rechargeable Lithium Battery
Expansion Slot	1 Optional Plugin	2 Optional Plugin	2 Optional Plugin	2 Optional Plugin	2 Optional Plugin	2 Optional Plugin	2 Optional Plugin	2 Optional Plugin
Memory card	SD Card Slot	SD Card Slot	SD Card Slot	SD Card Slot	SD Card Slot	SD Card Slot	SD Card Slot	SD Card Slot
Power Supply	24 Vdc (10 to 32 Vdc)	24 Vdc (10 to 32 Vdc)	24 Vdc (10 to 32 Vdc)	24 Vdc (10 to 32 Vdc)	24 Vdc (10 to 32 Vdc)	24 Vdc (10 to 32 Vdc)	24 Vdc (10 to 32 Vdc)	24 Vdc (10 to 32 Vdc)
Current Consumption	0.55A at 24Vdc (max.)	0.65A at 24Vdc (max.)	0.7A at 24Vdc (max.)	0.7A at 24Vdc (max.)	1A at 24Vdc (max.)	1.0A at 24Vdc (max.)	1.2A at 24Vdc (max.)	1.2A at 24Vdc (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	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	-20 to +70 °C
Operating and storage 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	5 - 85%, RH non-condensing
Weight	Approx. 1.0 Kg	Approx. 1.0 Kg	Approx. 1.0 Kg	Approx. 1.0 Kg	Approx. 2.1 Kg	Approx. 2.8 Kg	Approx. 2.8 Kg	Approx. 3.5 Kg
Faceplate (LxH)	147x107 mm	187x147 mm	187x147 mm	187x147 mm	287x232 mm	336x267 mm	336x267 mm	392x307 mm
Cut-out (AxB)	136x96 mm	176x136 mm	176x136 mm	176x136 mm	276x221 mm	326x256 mm	326x256 mm	381x296 mm
Depth (D+T)	56 + 4 mm	47 + 4 mm	47 + 4 mm	47 + 4 mm	56 + 4 mm	56 + 4 mm	60 + 4 mm	60 + 4 mm
Protection Class front / rear	IP66 / IP20	IP66 / IP20	IP66 / IP20	IP66 / IP20	IP66 / IP20	IP66 / IP20	IP66 / IP20	IP66 / IP20
Approvals	CE, DNV / cULus Class I, Div. 2	CE, DNV / cULus Class I, Div. 2	CE, DNV / cULus Class I, Div. 2	CE, DNV* / cULus Class I, Div. 2*	CE, DNV / cULus Class I, Div. 2	CE, DNV / cULus Class I, Div. 2	CE, DNV / cULus Class I, Div. 2	CE, DNV / cULus Class I, Div. 2

<b>PLCM01</b> <b>PLCM01-CDS</b> <b>PLCM05</b> <b>PLCM05-CDS</b>	Plug-in module CAN Plug-in module CAN + CODESYS Plug-in extender for use with PLI003 (only for eTOP504) Plug-in module CODESYS	
<b>PLCM02</b> <b>PLCM02-CDS</b>	Plug-in module for KNX/EIB (TP interface) Plug-in module for KNX/EIB (TP interface) + CODESYS	
<b>PLI003</b>	I/O module with 20 DI 24VDC, 12 DO 24VDC 0,5 A, 8 Programmable AI, 4 Programmable AO, 1 PT100	
<b>PLI006</b>	Compact I/O module. 8 DI, 6 DO, 1 Relay Output	
<b>PLI007</b>	Compact I/O module. 2 Relay Outputs	
<b>PLCM03</b> <b>PLCM04</b>	Plug-in module RS-232 Plug-in module RS-422/485 with optical insulation	
<b>PLCM06</b>	Plug-in module Profibus DP slave 12 Mb	



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