



# UniOP eTOP 504

*Low-cost and high-performance  
Enhanced communication with built-in dual Ethernet interface  
CoDeSys Embedded*

**EXOR**  
INTERNATIONAL

PRICE - PERFORMANCE HMI SOLUTIONS



<b>Display</b>	
Type	TFT
Resolution	480x272 pixel
Active display area	4.3" diagonal (95.4x53.9 mm)
Colors	64K
Backlight	LED
Brightness	150 cd/m <sup>2</sup> typ.
Dimming	Yes
<b>System Resources</b>	
User memory	128 MB Flash
RAM	256 MB
<b>Operator Interface</b>	
Touchscreen	Analog resistive
LED indicators	1 (dual color)
<b>Interfaces</b>	
Ethernet	(2) 10/100 Mbit with integrated Switch
USB	(1) Host interface v.2.0
Serial	RS-232, RS-485, RS-422, software configurable
Expansion Slot	(1) Optional plug-in
Memory Card	SD Card Slot
<b>Functionality</b>	
Vector graphics	Yes, includes SVG support
Object dynamics	Yes
TrueType fonts	Yes
Multiple driver communication	Yes
Data acquisition and trend presentation	Yes
Multilanguage	Yes
Recipes	Yes
Alarms	Yes
Historical event list	Yes
Users and passwords	Yes
Hardware Real Time Clock	Yes
Screen saver	Yes
Buzzer	Yes

<b>Ratings</b>	
Power supply voltage	24 Vdc (18 to 30 Vdc)
Current consumption	0.4A at 24Vdc(max.)
Fuse	Automatic
Weight	Approx 1.0 Kg
Battery	Rechargeable Lithium battery
<b>Environmental Conditions</b>	
Operating temperature	0 to 50 °C
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 – 85 % relative humidity
Protection class	IP66 (front) IP20 (rear)
<b>Dimensions</b>	
Faceplate LxH	147x107 mm (5.78x4.21")
Cutout AxB	136x96 mm (5.35x3.78")
Depth D+T	56 + 4 mm (2.40+0.16")
<b>Approvals</b>	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments Standard for Certification No. 2.4, April 2006 UL508 Listed
DNV Type Approval Certificate	
UL	
<b>Option Modules (Plug-in)</b>	
<i>Order Code</i>	
<b>PLCM01</b> +PLCM01U0P1	Plug-in module CAN interface
<b>PLCM01-CDS</b> +PLCM01U0P2	Plug-in module CAN + CoDeSys
<b>PLCM05-CDS</b> +PLCM05U0P1	Plug-in module CoDeSys
<b>PLCM02</b> +PLCM02U001	Plug-in module for KNX/EIB (TP interface)
<b>PLIO03</b> +PLIO03U0P1	I/O Module with 20 DI 24VDC, 12 DO 24VDC 0.5 A, 8 Programmable AI, 4 - Programmable AO, 1 PT100

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