



eTOP500 Glass

The Choice for Extreme Conditions





...Our Word Counts



eTOP500 Glass

Key Features

Proven Long Term Reliability

Brilliant Displays Readable
in Full Sunlight

PCAP Touchscreen

All Metal Enclosure

Coated Board Protection

Protection Class True IP69K

Extended operating temperature

Module Design Plug Ins for
Fieldbus + Networks

Optional CODESYS integrated PLC

DNV-GL, IECEx, ATEX

cULus, cULus Haz. Loc.

For over six years this product has been serving our customers in environments that are not only harsh for the working of the device but where its reliable operation can be critical for the safety of operators.

The eTOP500 Glass has lived up to this challenge, with a class leading performance rate it has become the choice for extreme conditions.

What sets the model apart is the combination of the rugged design with the use of JMobile software which renders the operation of the HMI extremely easy: an important point when the surroundings are difficult.

Connecting to a vast array of networks and protocols is achieved via the module design so again aiding the implementation of these HMI within existing architecture.



Data Sheet



eTOP507G - Technical Data



System Resources	
Display - Colors	7" TFT 16:9 LED - 64K
Resolution	800x480, WVGA
Brightness	400 Cd/m ² typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive
CPU	ARM Cortex-A8 - 600 MHz
Operating System	Microsoft Windows CE 6.0
Flash	128 MB
RAM	256 MB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	2 (port 0 - 10/100, port 1 - 10/100) with integrated Switch
USB port	2 (port 1 - Host V2.0, port 2 - Host V2.0/1.1)
Serial port	1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	0.8 A at 24 Vdc (max.)
Input Protection	Automatic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	-20 to +60 °C (vertical installation)
Storage Temp	-40 to +85 °C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP69K (front), IP20 (rear)
Dimensions and Weights	
Faceplate LxH	187x147 mm (7.36x5.79")
Cutout AxB	176x136 mm (6.93x5.35")
Depth D	47+8 mm (1.85+0.31")
Weight	Approx 1.0 Kg
Approvals	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
cULus	UL508
cULus	Class I Div. 2
ATEX, IECEx	Zone 2/22
DNV-GL	Yes
RCM	Yes



eTOP507MG - Technical Data



System Resources	
Display - Colors	7" TFT 16:9 LED - 64K
Resolution	800x480, WVGA
Brightness	400 Cd/m ² typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive
CPU	ARM Cortex-A8 - 1 GHz
Operating System	Microsoft Windows CE 6.0
Flash	256 MB
RAM	256 MB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	2 (port 0 - 10/100, port 1 - 10/100) with integrated Switch
USB port	2 (port 1 - Host V2.0, port 2 - Host V2.0/1.1)
Serial port	1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	0.9 A at 24 Vdc (max.)
Input Protection	Automatic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	-20 to +60 °C (vertical installation)
Storage Temp	-40 to +85 °C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP69K (front), IP20 (rear)
Dimensions and Weights	
Faceplate LxH	187x147 mm (7.36x5.79")
Cutout AxB	176x136 mm (6.93x5.35")
Depth D	47+8 mm (1.85+0.31")
Weight	Approx 1.0 Kg
Approvals	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
cULus	UL508
cULus	Class I Div. 2
ATEX, IECEx	Zone 2/22
DNV-GL	Yes
RCM	Yes



eTOP510G - Technical Data



System Resources	
Display - Colors	10.1" TFT 16:9 LED - 64K
Resolution	1280x800, WXGA
Brightness	600 Cd/m ² typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive
CPU	ARM Cortex-A8 - 1 GHz
Operating System	Microsoft Windows CE 6.0
Flash	256 MB
RAM	256 MB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	2 (port 0 - 10/100, port 1 - 10/100) with integrated Switch
USB port	2 (port 1 - Host V2.0, port 2 - Host V2.0/1.1)
Serial port	1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	1.0 A at 24 Vdc (max.)
Input Protection	Automatic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	-20 to +60 °C (vertical installation)
Storage Temp	-20 to +70 °C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP69K (front), IP20 (rear)
Dimensions and Weights	
Faceplate LxH	282x197 mm (11.10x7.80")
Cutout AxB	271x186 mm (10.67x7.32")
Depth D	52+8 mm (2.20+0.33")
Weight	Approx 2.7 Kg
Approvals	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
cULus	UL508
cULus	Class I Div. 2
ATEX, IECEx	Zone 2/22
DNV-GL	Yes
RCM	Yes



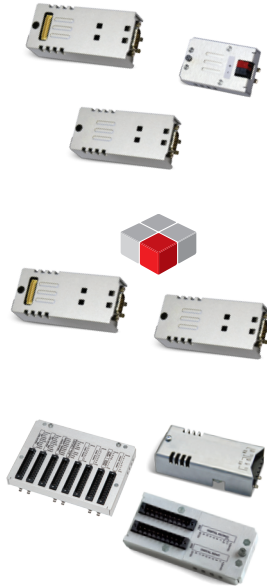
eTOP15G - Technical Data



System Resources	
Display - Colors	15" TFT LED - 64K
Resolution	1024x768, XGA
Brightness	1500 Cd/m ² typ
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive
CPU	ARM Cortex-A8 - 1 GHz
Operating System	Microsoft Windows CE 6.0
Flash	256 MB
RAM	256 MB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	2 (port 0 - 10/100, port 1 - 10/100) with integrated Switch
USB port	2 (port 1 - Host V2.0, port 2 - Host V2.0/1.1)
Serial port	1 (RS-232, RS-485, RS-422, software configurable) Max 3 serial ports using plug-in modules.
SD card	Yes
Expansion	2 slot for plug in modules
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	1.4 A at 24 Vdc (max.)
Input Protection	Automatic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	-20 to +60 °C (vertical installation)
Storage Temp	-40 to +85 °C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP69K (front), IP20 (rear)
Dimensions and Weights	
Faceplate LxH	392x307 mm (15.43x12.08")
Cutout AxB	381x296 mm (15x11.65")
Depth D	56+8.5 mm (2.20+0.33")
Weight	Approx 4.0 Kg
Approvals	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
cULus	UL508
cULus	Class I Div. 2
ATEX, IECEx	Zone 2/22
DNV-GL	Yes
RCM	Yes



Accessories



PLCM01 PLCM02 PLCM03 PLCM04 PLCM06 PLCM07	Plug-in module CAN Plug-in module for KNX/EIB (TP interface) Plug-in module RS-232 Plug-in module RS-422/485 with optical insulation Plug-in module Profibus DP slave 12 Mb Secure Cloud Connector
CODESYS V3 SoftPLC PLCM01-CDS PLCM02-CDS PLCM05-CDS	CODESYS V3 activation license Plug-in module CAN + CODESYS V2 Plug-in module for KNX/EIB (TP interface) + CODESYS V2 Plug-in module CODESYS V2
PLIO03 PLIO04 PLIO06 PLIO07	I/O Module with 20 DI 24VDC, 12 DO 24VDC 0,5 A, 8 AI (4 diff or 8 single or 4 PT100 or 4 TC), 4 AO, 1 PT100 Cold Junct I/O Module with 10 DI 24VDC, 10 DO SSR 1.4 A, 4 Programmable AI voltage/PT100/TC, 4 AI voltage, 1 PT100 Compact I/O module. 8 DI, 6 DO, 1 Relay Output Compact I/O module. 2 Relay Outputs



EXOR



U.S.A.

Exor America
Tel.: +1 513 874 0900
Fax: +1 513 874 2707
info.us@exorint.com

GERMANY

Exor Deutschland GmbH
Tel.: +49 202 27911 0
Fax: +49 202 27911 44
info.de@exorint.com

ITALY

Exor International S.p.A.
Tel.: +39 045 8750404
Fax: +39 045 8779023
info.it@exorint.com

SWITZERLAND

Exor Schweiz GmbH
Tel.: +41 55 6195807
Fax: +41 55 6195806
info.ch@exorint.com

INDIA

Exor India Private Ltd.
Tel.: +91 022 27810422
Fax: +91 022 27810424
info.in@exorint.com



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