eTOP500 Glass

The Choice for Extreme Conditions

EXOR

...Our Word Counts

TOPCO
It's all about control

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/m² 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/m² 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.
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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

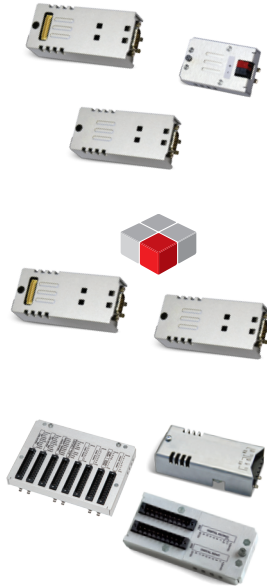| System Resources	
Display - Colors	10.1" TFT 16:9 LED - 64K
Resolution	1280x800, WXGA
Brightness	600 Cd/m² typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive
CPU	ARM Cortex-A8 - 1 GHz
Operating System	Microsoft Windows CE 6.0
Flash	256 MB
RAM	256 MB
Real Time Clock, RTC Back-up, Buzzer	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

eTOP515G - Technical Data

System Resources	
Display - Colors	15" TFT LED - 64K
Resolution	1024x768, XGA
Brightness	1500 Cd/m² 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	Plug-in module CAN
PLCM02	Plug-in module for KNX/EIB (TP interface)
PLCM03	Plug-in module RS-232
PLCM04	Plug-in module RS-422/485 with optical insulation
PLCM06	Plug-in module Profibus DP slave 12 Mb
PLCM07	Secure Cloud Connector

CODESYS V3 SoftPLC	CODESYS V3 activation license
PLCM01-CDS	Plug-in module CAN + CODESYS V2
PLCM02-CDS	Plug-in module for KNX/EIB (TP interface) + CODESYS V2
PLCM05-CDS	Plug-in module CODESYS V2

PLIO03	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
PLIO04	I/O Module with 10 DI 24VDC, 10 DO SSR 1.4 A, 4 Programmable AI voltage/PT100/TC, 4 AI voltage, 1 PT100
PLIO06	Compact I/O module. 8 DI, 6 DO, 1 Relay Output
PLIO07	Compact I/O module. 2 Relay Outputs

IIoT industry 4.0 ready

PLATFORM