

食品与饮料/药品系列

先进的 IP69

- 广泛的保证尽管无保护壳
- 易于清洁
- 真实的 IP69 保护等级
- 聚酯涂层的玻璃强度
- 高压 80°C 防水
- 完美的不锈钢边框设计
- 耐酸碱
- 符合食品标准的垫片
- 前面板和垫片准则：
 1. DIN EN1672-2
 2. EHEDG / FDA 21 CFR 177.2006



概述

如果严格的法规要求食品的处理、制备、加工和包装必须非常卫生，那么 Exor 出色的 7 英寸和 15 英寸食品与饮料 HMI 是制造商和最终消费者的最佳选择。

没有其它公司能够提供此类专业解决方案来解决食品与饮料行业，尤其是肉类加工行业所面临的日常问题。

食品、饮料与制药行业与工业界有着截然不同的环境。尽管生产设施的设置可能看起来很相似，但是还有一系列立法要求和准则，这些要求和准则要复杂得多。

EXOR 对其非常成功的 eTOP500 系列和 eX700 系列进行了调整，以应对这些挑战。EXOR 修改了面板的许多地方，以符合 CEIEN 60529 准则，并以令人难以置信的高度关注于消除食品、油脂和产品粉末颗粒的积聚。

坚固的不锈钢前面有非常高的光洁度让粉末从表面上流掉。其结构有优化的与机器表面的接触接角度，使清洁的液体冲走并且也不允许细菌或微生物存留。

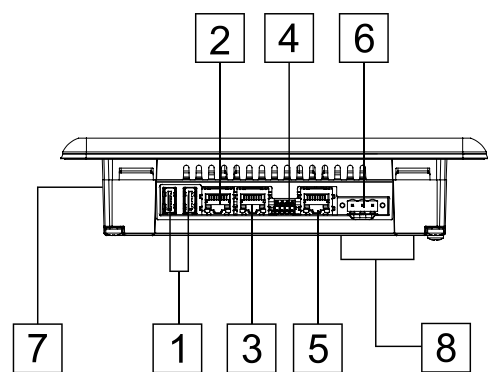
所有这些措施以及更多，意味着 EXOR 能够以 IP69 的高防护前面板等级提供这样的产品：抵抗强腐蚀性清洁剂以及抵抗在高压和高温下的频繁洗涤。

您不再需要像通常看到的那样将面板安装在昂贵的机柜中。食品、制药和化学工业或任何地方，以及可能需要此系列 HMI 的行业对卫生的高度关注是声誉风险的要求。

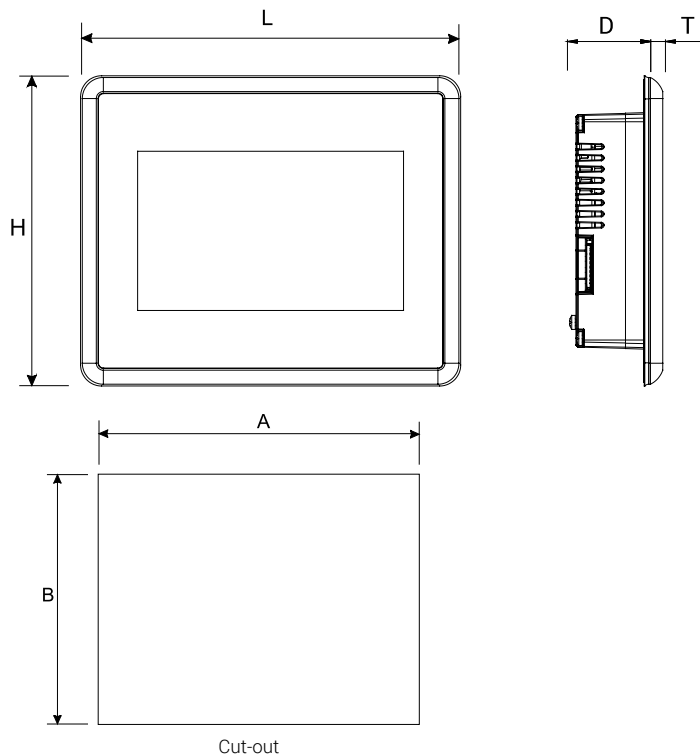
eX707FB - 技术数据



System Resources	
Display - Colors	7" TFT 16:9 LED - 16M
Resolution	800x480, WVGA
Brightness	500 Cd/m ² typ.
Dimming	to 0%
Touchscreen	Projected Capacitive, Multitouch
CPU	ARM Cortex-A9 dual core 800 MHz
Operating System	Linux RT
Flash	4 GB
RAM	1 GB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100)
USB port	2 (Host V2.0, max. 500 mA)
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	0.7 A at 24 Vdc (max.)
Input Protection	Electronic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	-20° to +60 °C (vertical installation) Plug-in modules and USB devices may limit max temperature to +50 °C
Storage Temp	-20°C to +70°C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP69 (front), IP20 (rear) Type: 12, 4X
Dimensions and Weights	
Faceplate LxH	217x177 mm (8.54x6.96")
Cutout AxB	176x136 mm (6.93x5.35")
Depth D+T	45+10 mm (1.77+0.4")
Weight	2.5 Kg
Approvals	
CE	Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments
UL	cULus: UL61010-1 / UL61010-2-201
RCM	Yes



- 1 USB 端口 1 和 2
- 2 Ethernet 端口 2 (10/100 Mb)
- 3 Ethernet 端口 1 (10/100 Mb)
- 4 串口
- 5 Ethernet 端口 0 (10/100/1000 Mb)
- 6 供电
- 7 SD卡插槽
- 8 2 扩展插槽用于插入式模块



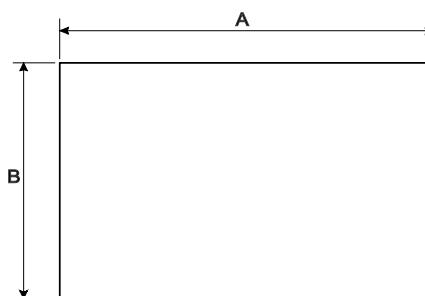
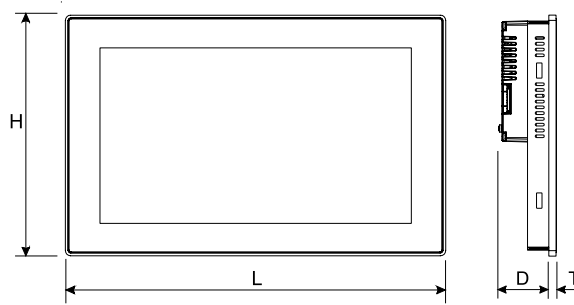
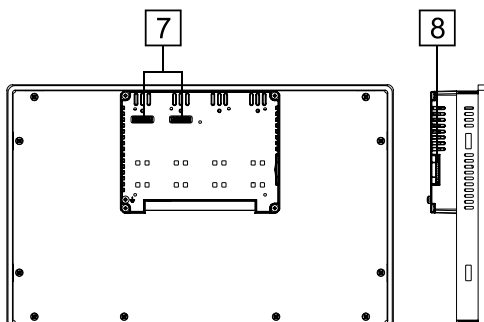
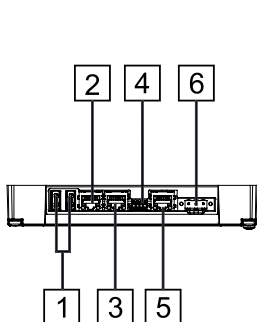
订货说明

型号	货号	说明
eX707FB	+EX707U4F1	7" widescreen TFT color projected capacitive touchscreen. Stainless steel bezel. Ethernet and USB interfaces. JMobile runtime. Blue front panel

eX715FB - 技术数据



System Resources	
Display - Colors	15,6" TFT LED - 16M
Resolution	1366x768, HD
Brightness	400 Cd/m ² typ.
Dimming	to 0%
Touchscreen	Projected Capacitive, Multitouch
CPU	ARM Cortex-A9 quad core 800 MHz
Operating System	Linux RT
Flash	8 GB
RAM	2 GB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	3 (port 0 - 10/100/1000, port 1 - 10/100, port 2 - 10/100)
USB port	2 (Host V2.0, max. 500 mA)
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	1.2 A at 24 Vdc (max.)
Input Protection	Electronic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	-20° to +60 °C (vertical installation) Plug-in modules and USB devices may limit max temperature to +50 °C
Storage Temp	-30°C to +80°C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP69 (front), IP20 (rear) Type: 12, 4X
Dimensions and Weights	
Faceplate LxH	450x295mm
Cutout AxB	411x256 mm (16.18x10")
Depth D+T	56+8 mm (2.20+0.33")
Weight	5.2 Kg
Approvals	
CE	Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments
UL	cULus: UL61010-1 / UL61010-2-201
RCM	Yes



Cut-out

- 1 USB 端口 1 和 2
- 2 Ethernet 端口 2 (10/100 Mb)
- 3 Ethernet 端口 1 (10/100 Mb)
- 4 串口
- 5 Ethernet 端口 0 (10/100/1000 Mb)
- 6 供电
- 7 2 扩展插槽用于插入式模块
- 8 SD卡插槽

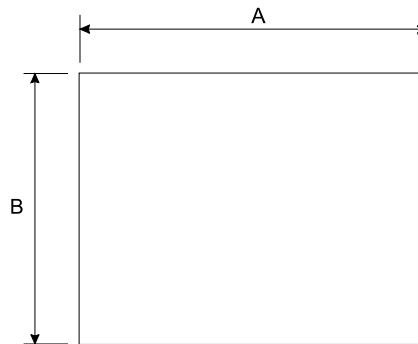
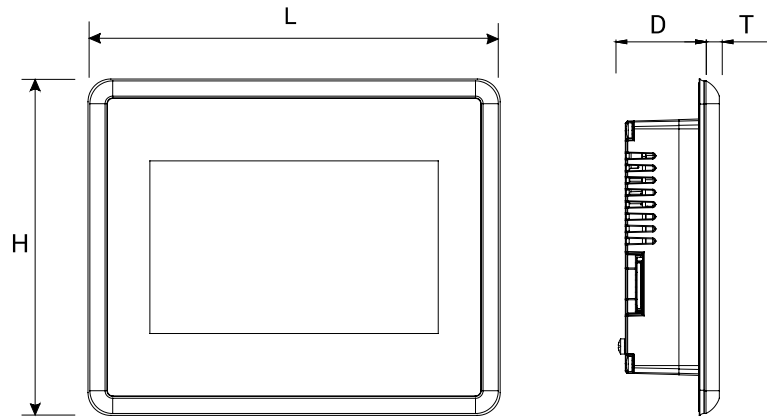
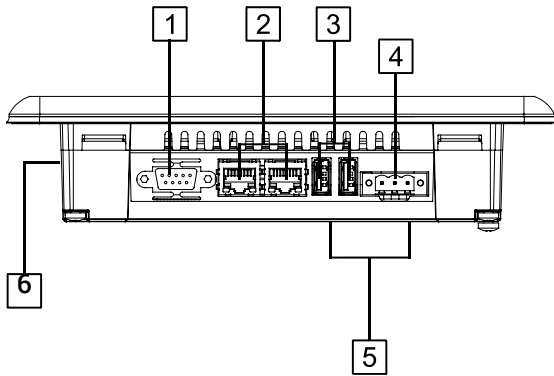
订货说明

型号	货号	说明
eX715FB	+EX715U4F1	15" widescreen TFT color projected capacitive touchscreen. Stainless steel bezel. Ethernet and USB interfaces. JMobile runtime. Blue front panel

eTOP507MFB - 技术数据



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 (Host V2.0, max. 500 mA)
Serial port	1 (RS-232, RS-485, RS-422, software configurable)
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	Electronic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	-20° to +60 °C
Storage Temp	-40 to +85 °C
Operating / Storage Humidity	5-85% RH, non condensing
Protection Class	IP69 (front), IP20 (rear) Type: 4X
Dimensions and Weights	
Faceplate LxH	217x177 mm (8.54x6.96")
Cutout AxB	176x136 mm (6.93x5.35")
Depth D+T	45+10 mm (1.77+0.4")
Weight	2.5 Kg
Approvals	
CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
UL	cULus: UL508
RCM	Yes



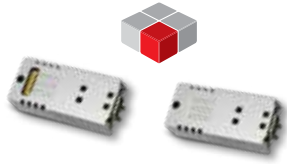
Cut-out

- 1 串口
- 2 2x Ethernet 端口
- 3 2x USB 端口
- 4 供电
- 5 2x 扩展插槽用于插入式模块
- 6 SD卡插槽用于可拆卸卡

订货说明

型号	货号	说明
eTOP507MFB	+ETOP507MU1F1	7" widescreen TFT color projected capacitive touchscreen. Stainless steel bezel. White front panel.
eTOP507MFB	+ETOP507MU4F1	7" widescreen TFT color projected capacitive touchscreen. Stainless steel bezel. Blue front panel.

附件



型号	货号	说明
PLCM01 PLCM02 PLCM03 PLCM04 PLCM06 PLCM07	+PLCM01U0P1 +PLCM02U001 +PLCM03U0P1 +PLCM04U0P1 +PLCM06U0P1 +PLCM07U0P1	插入式模块 CAN 插入式模块 KNX/EIB (TP 接口) 插入式模块 RS-232 插入式模块 RS-422/485 带光隔离 插入式模块 Profibus DP slave 12 MB 插入式安全云连接器
CODESYS V3 SoftPLC PLCM01-CDS PLCM02-CDS PLCM05-CDS	+SWLC00R000000 +PLCM01U0P2 +PLCM02U002 +PLCM05U0P1	CODESYS V3 激活的许可证 插入式模块 CAN + CODESYS V2 插入式模块 KNX/EIB (TP 接口) + CODESYS V2 插入式模块 CODESYS V2
PLI003 PLI004 PLI006 PLI007	+PLI003U0P1 +PLI004U0P1 +PLI006U0P1 +PLI007U001	I/O 模块 with 20 DI 24 VDC, 12 DO 24 VDC 0,5 A, 8 AI (4 diff or 8 single or 4 PT100 or 4 TC), 4 AO, 1 PT100 冷接 I/O 模块 with 10 DI 24 VDC, 10 DO SSR 1.4 A, 4 可编程AI电压/PT100/TC, 4 AI 电压, 1 PT100 紧凑 I/O 模块. 8 DI, 6 DO, 1 继电器输出 紧凑 I/O 模块. 2 继电器输出