eX707 Tech-Note

7" TFT color with multitouch projected capacitive touchscreen.
3 Ethernet ports, 1 serial port, 2 USB ports. JMobile runtime.

Highlights

eX700 Series HMI products combine state-of-the-art connectivity features and top performance in a great design. Products have been designed as IoT edge devices with the combination of a powerful controller with networking capability and outstanding communication options including client/server OPC UA. They are the ideal choice for all demanding IoT edge applications in factory, marine and building automation.

The glass projected capacitive touchscreen and the brilliant 7" widescreen display with resolution of 800x480 guarantee great optical performance; with the support of multitouch gesture programming they can create the most natural human interfaces.

eX Series 700 HMI products have been designed to run the JMobile software.

• JMobile runtime included
• Requires JMobile V2.6 or higher
• Supports JMcloud secure connectivity with full network separation
• OPC UA Server and Client
• Optional CODESYS V3 runtime with choice of EtherCAT, Profinet, Ethernet IP and Powerlink
Technical Data

System Resources

<table>
<thead>
<tr>
<th>Display - Colors</th>
<th>7&quot; TFT 16:9 LED - 16M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>800x480, WVGA</td>
</tr>
<tr>
<td>Brightness</td>
<td>500 Cd/m² typ</td>
</tr>
<tr>
<td>Dimming</td>
<td>to 0%</td>
</tr>
<tr>
<td>Touchscreen</td>
<td>True Glass Projected Capacitive, Multitouch</td>
</tr>
<tr>
<td>CPU</td>
<td>ARM Cortex-A9 dual core 800 MHz</td>
</tr>
<tr>
<td>Operating System</td>
<td>Linux RT</td>
</tr>
<tr>
<td>Flash</td>
<td>4 GB</td>
</tr>
<tr>
<td>RAM</td>
<td>1 GB</td>
</tr>
<tr>
<td>Real Time Clock, RTC Back-up, Buzzer</td>
<td>Yes</td>
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</tbody>
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界面

- 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)
- SD Card slot
- 2 Expansion slots for plugin modules

特性

- 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

环境条件

- Operating Temp: -20° to +60 °C (vertical installation)
- Storage Temp: -20°C to +70°C
- Operating / Storage Humidity: 5-85% RH, non condensing
- Protection Class: IP66 (front), IP20 (rear)

尺寸和重量

- Faceplate LxH: 187x147 mm (7.36x5.79")
- Cutout AxB: 176x136 mm (6.93x5.35")
- Depth D+T: 47+8 mm (1.85+0.31")
- Weight: 1.5 Kg

认证

- CE: Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments
- UL: cULus: UL61010-1 / UL61010-2-201
- IECEx: Zone 2/22: Ex na IIC T5 Gc, Ex tc IIIIC T95°C Dc
- ATEX: Zone 2/22: II 3 G Ex na IIC T5 Gc, II 3 D Ex tc IIIC T95°C Dc
- DNV-GL: Yes
- LR: Yes
- EU RoHS: Yes
- RCM: Yes

订购信息

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<tr>
<th>Model</th>
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<td>+EX707U5P1</td>
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