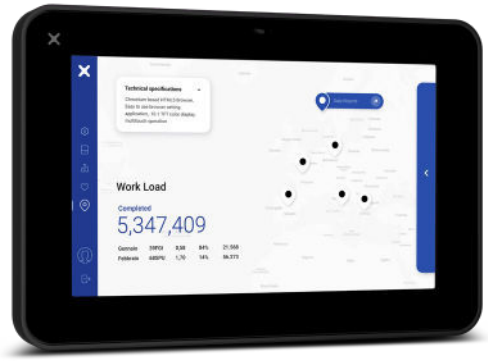
JSmart707M | Web HMI Tech-Note

Web HMI 7” TFT, PCAP Touch, 8GB Flash, PoE Ethernet, Wi-Fi, NFC, Web Browser



- Chromium based HTML5 Browser
- Easy to use browser setting application
- 7” TFT color display, resolution 1024x600 pixel
- PCAP Touchscreen Multitouch
- 10/100 Ethernet port PoE
- Wi-Fi Connection and NFC Device
- Full IP protection; ideal for mounting-arm installation
- Operating temperature -20°C to +55°C
- UL 61010-1 approval
- Dedicated HMI support arm system
- Includes environment and motion sensors

Highlights

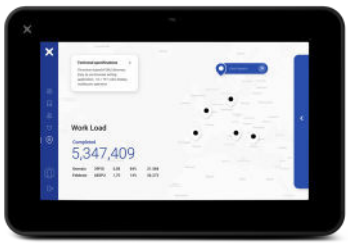
JSmart707M Web HMI excels in all IoT edge applications in industrial, ship and building automation where a powerful HTML5 web browser and devices that can operate in critical areas are required.

The special features of web based HMI JSmart707M are the sleek and elegant design, the 7 inch multi-touch capacitive touchscreen display with robust glass front, and the ability to connect the device via a single Power-over-Ethernet (PoE) cable. This technology allows maximum flexibility and efficiency in installation as well as full IP67 protection with the use of appropriate accessories and connectors.

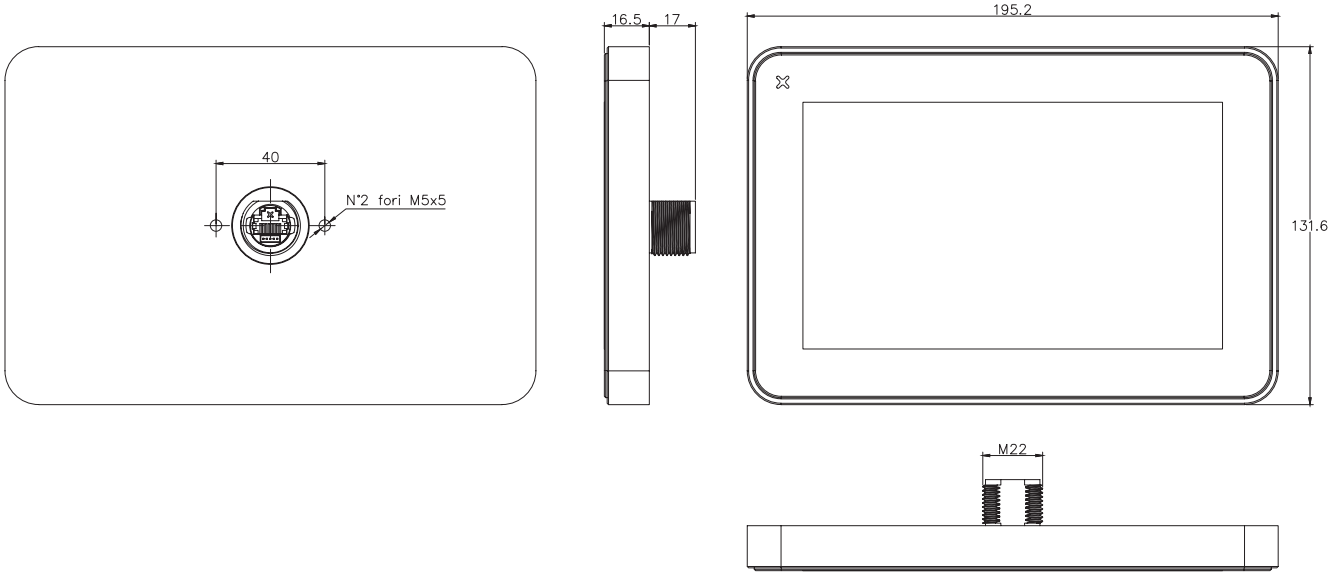
The Wi-Fi interface improves the integration capability of the device while NFC expands the possible applications. JSmart707M Web include a Chromium-based HTML5 browser that supports kiosk mode operation and support Corvina Cloud secure connectivity.

© 2022 EXOR International S.p.A. All rights reserved

JSmart707M | Web HMI - Technical Data



System Resources	
Display - Colors	7" TFT - 16M
Resolution	1024x600
Brightness	400 cd/m²
Dimming	Yes
Touchscreen	Projected Capacitive, Multitouch
CPU	64-bit RISC Quad core - 1.6 GHz
Operating System	Linux
Flash	8 GB
RAM	2 GB
Real Time Clock, RTC Back-up	Yes
Interface	
Ethernet port	10/100 PoE
USB port	1 (Host V2.0, max. 500 mA, available with special cable))
LED	1 RGB
Sensors	Temperature, 3-Axis Accelerometer
Buzzer	Yes
NFC	ISO/IEC 14443A
Wi-Fi	IEEE 802.11a/b/g
Ratings	
Power supply	IEEE 802.3af PoE
Power Consumption	12W max.
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temperature	-20° to +55° C (vertical installation)
Storage Temperature	-30°C to +80°C
Operating / Storage Humidity	5-85% RH, non-condensing
Protection Class	IP67 (requires appropriate accessories and cables) - Type: 1, 12, 4x
Dimensions and Weights	
Faceplate LxH	195.2x131.6 mm (7.68x5.18")
Depth D+T	16.5 mm (0.6")
Weight	0.7 Kg
Approvals	
CE	Radio Equipment Directive 2014/53/EU (RED)
UL	cULus: UL61010-1 / UL61010-2-201
UL	cULus: Class 1 Div 2
RCM	Yes



Ordering Information

Model	Part Number	Description
JSmart707M Web	+JS707GB2U5PW	Web HMI 7" TFT, 1024x600, PCAP Touch, 8GB Flash memory, PoE Ethernet, Wi-Fi, NFC, Web Browser

© 2022 EXOR International S.p.A. All rights reserved