

#### JSmart715 Tech-Note

#### 15.6" TFT, 1366x768, PCAP Touch

- Full IP protection; ideal for mounting-arm installation
- · Includes environment and motion sensors
- 15.6" TFT color display, resolution 1366x768 pixel,
   16M colors, dimmable backlight
- PCAP Touchscreen Multitouch
- 10/100 Ethernet port PoE
- Wi-Fi Connection



### Highlights

JSmart715 is the ideal product for field installation in critical areas. High-resolution 15.6" display with multitouch PCAP touchscreen with a robust glass front; touchscreen/display bonding for fidget optical performance.

Power-over-Ethernet (PoE) for maximum simplicity of connection using standard CAT5 wiring.

The availability of a Wi-Fi interface enhances the device integration.

Full IP protection with the use of dedicated connectors for the maximum flexibility of installation, from mounting arm to a simple M22 hole. The product includes a full set of environment and motion sensors to make this device a true IIoT edge device for Industry 4.0 applications.

The JSmart product family has been optimized for use as an embedded browser or as a JMobile HMI device.

Performing HTML5-compatible browser with graphic accelerator

JMobile runtime with OPC UA Server and Client

Optional CODESYS V3 PLC for integrated HMI and control applications

Open platform for Linux applications

Built-in sensors (temperature and acceleration)

## JSmart715 - Technical Data

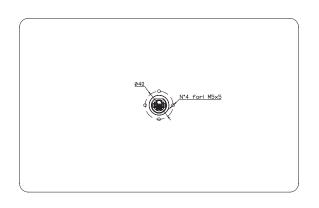




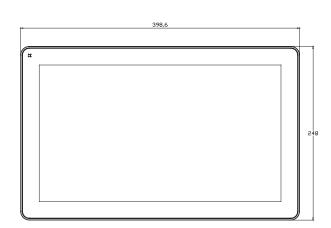


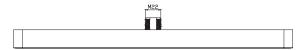


System Resources	
Display - Colors	15.6" TFT - 16M
Resolution	1366x768
Brightness	400 cd/m <sup>2</sup> typ.
Dimming	to 0%
Touchscreen	Projected Capacitive - Multitouch
CPU	32-bit RISC quad core - 800 MHz
Operating system	Linux RT
Flash	8 GB
RAM	2 GB
FRAM	64 KB
RTClock, RTC Back-up	Yes
Interface	
Ethernet port	10/100 PoE
USB port	1 (Host V2.0, max. 50 mA, available with special cable)
LED	1 RGB
Sensors	Temperature, 3-Axis Accelerometer
Wi-Fi	IEEE 802.11a/b/g
Buzzer	Yes
Ratings	
Power supply	IEEE 802.3at PoE+
	IEEE 802.3at PoE+ 23 W max.
Power supply Power Consumption Battery	
Power supply Power Consumption Battery Environment Conditions	23 W max. Yes (rechargeable)
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Power supply Power Consumption Battery Environment Conditions Operating Temp Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights Faceplate LxH	23 W max. Yes (rechargeable)  -20° to +55° C (vertical installation) -30°C to +80°C  5-85% RH, non-condensing IP67 (requires appropriate accessories and cables) - Type: 1, 12, 4x  398.6x248 mm (15.69x 9.76")
Power supply Power Consumption Battery Environment Conditions Operating Temp Storage Temp Operating / Storage Humidity Protection Class Dimensions and Weights Faceplate LxH Depth D+T+T	23 W max. Yes (rechargeable)  -20° to +55° C (vertical installation) -30°C to +80°C  5-85% RH, non-condensing IP67 (requires appropriate accessories and cables) - Type: 1, 12, 4x  398.6x248 mm (15.69x 9.76") 26.5 mm (1.04")
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# Ordering Information

Model	Part Number	Description
JSmart715	+JS715CD1U5P1	HMI 15.6" TFT, 1366x768, PCAP Touch, 8GB Flash memory, PoE Ethernet + Wi-Fi , JMobile runtime