

QuickPanel+2

Multi-functional Operator Interface

Emerson's QuickPanel™+2 operator interface, with advanced processing power and expanded memory, is a powerful, ruggedized, multi-functional industrial automation solution. It goes beyond traditional operator interface visualization capabilities by also integrating real-time control, gateway communications, secure remote access and embedded data historian functionality. It delivers a lean industrial automation system with fewer components, less wiring, and a smaller footprint than many alternatives.



Widespread Applicability

QuickPanel+2 fits applications that demand compact size, rapid integration, and broad data access, from stand-alone equipment to distributed systems. Its built-in Connex™ OPC UA Server enables seamless communication with multi-vendor controllers and I/O via serial and Ethernet. The unit is third-party certified for harsh conditions, including extreme temperatures, moisture, sunlight, marine settings, and hazardous areas.

Rich Graphics and Browser Support

Running on Windows® IOT, the QuickPanel+2 features high-performance scalable graphics. In addition, it supports modern web browsers enabling access to web resources, such as camera feeds (CCTV), reports, and custom apps—unlocking a new level of operational flexibility and connectedness.

Operator Friendly

The QuickPanel+2 has a high-resolution, widescreen display with capacitive multi-touch technology providing operators a modern, responsive experience that's rugged enough for industrial use but as intuitive as a smartphone.

Easy to Migrate, Simulate, Deploy and Maintain

QuickPanel+2 comes with a unified programming environment which makes migration, simulation, implementation and updates fast and efficient.

Existing QuickPanel+ projects migrate easily to QuickPanel+2 in a single step. Applications, PLC tags and drivers are automatically converted. Graphics are resized to fit the new screen - minimizing rework and getting systems up and running faster.

It supports five IEC programming languages: Relay Ladder, Sequential Function Chart, Structured Text, Instruction List, and Function Block Diagram. It also includes multilingual capabilities and scripting. An intuitive, object-based configuration environment simplifies setup and reduces development time. Additionally, a large library of animation objects helps bring your operations to life.

The system connects effortlessly to enterprise-wide systems, which improves real-time control and makes deployment and maintenance simpler. It also comes with secure remote access capability, via a smartphone or laptop computer, for remote monitoring, alarms, update deployment and verification.

Product Specifications

Model Size	7"	10"	12"	15"	
Processor	i.MX8M Plus (ARM Cortex-A53 1.6GHz Quad Core)				
Memory	LPDDR4 SDRAM with ECC 4 GB				
Display	Projected Capacitive (PCAP) Touchscreen Widescreen (16:9) Liquid Crystal Display (LCD) Sunlight Readable Options Available				
Resolution	1024 x 600 (WSVGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1920 x 1080 (FHD)	
	Size (Inch)	7"	10"	12"	15"
	Brightness For Standard LCD	500 cd/m2	500 cd/m2	600 cd/m2	450 cd/m2
	Brightness For SLR Luminous	1000 cd/m2	1200 cd/m2	1000 cd/m2	1200 cd/m2
Input Power	Rated Voltage	DC 12/24 V			
	Power Consumption for Standard Luminance	25 W	30 W	36 W	40 W
	Power Consumption for SLR Luminance	27 W	35 W	36 W	50 W
Weight (Kg)	Standard Luminance	1.2	1.8	2.8	4.2
	SLR Luminance	1.2	1.8	2.8	4.0
Operating System	Microsoft® Windows® 10 IoT Enterprise LTSC 2021				
Software Included	Emerson Connex OPC UA Server				
Ethernet	2x Ethernet (RJ-45) Ports				
Serial	1x RS-232 (5-PinConnector) 1x RS-422/485 COM (5-Pin Connector)				
USB	2x USB 3.0 (Type-A)				
Storage Capacity	eMMC 64 GB				
Memory Card	1 SD Card Slot (SDXC)				
Audio	1 Mic In / Line Out (3.5mm Jack)				
Dimensions (WxHxD,mm)	196 x 141 x 63	271.5 x 190 x 65	329 x 244 x 65	410 x 263 x 80	
Panel Cutout* (WxH,mm)	183.5 x 128.5	255.5 x 174*	302 x 228	302 x 228*	

Mounting	Mounting Brackets Included
Environmental	Cooling Methodology: Natural Convection Operating Temperature: -20°C to +60°C Storage Temperature: -20°C to +60°C Humidity: 10RH to 85% RH (non-condensing, wet-bulb temperature: 39°C or less)
Compliance	UL Listed US/CAN Hazardous locations: Class 1 Division 2 UL TYPE 4X CE (EN 60950-1, EN 61000-6-4, 61000-6-2) FCC Part15 Class A IP66 (JEM 1030) RoHS ATEX **Marine: ABS, BV, DNV GL
*QuickPanel+2 adapter plate available for modernization from QuickPanel+ installations. **Coming soon.	

Part Numbers and Ordering Information

Part Number	Description
IC762CSS07CDA	QuickPanel+2 7" screen with View and Control
IC762CSS10CDA	QuickPanel+2 10" screen with View and Control
IC762CSS12CDA	QuickPanel+2 12" screen with View and Control
IC762CSS15CDA	QuickPanel+2 15" screen with View and Control
IC762CSB07CDA	QuickPanel+2 7" screen with View and Control (with blank bezel)
IC762CSB10CDA	QuickPanel+2 10" screen with View and Control (with blank bezel)
IC762CSB12CDA	QuickPanel+2 12" screen with View and Control (with blank bezel)
IC762CSB15CDA	QuickPanel+2 15" screen with View and Control (with blank bezel)
IC762COS07CDA	QuickPanel+2 7" screen with View and Control (with SLR screen)
IC762COS10CDA	QuickPanel+2 10" screen with View and Control (with SLR screen)
IC762COS12CDA	QuickPanel+2 12" screen with View and Control (with SLR screen)
IC762COS15CDA	QuickPanel+2 15" screen with View and Control (with SLR screen)
IC762CSS07CDACA	QuickPanel+2 7" screen with View and Control (with conformal coating)
IC762CSS10CDACA	QuickPanel+2 10" screen with View and Control (with conformal coating)
IC762CSS12CDACA	QuickPanel+2 12" screen with View and Control (with conformal coating)
IC762CSS15CDACA	QuickPanel+2 15" screen with View and Control (with conformal coating)
IC762CSB07CDACA	QuickPanel+2 7" screen with View and Control (with blank bezel and conformal coating)
IC762CSB10CDACA	QuickPanel+2 10" screen with View and Control (with blank bezel and conformal coating)
IC762CSB12CDACA	QuickPanel+2 12" screen with View and Control (with blank bezel and conformal coating)
IC762CSB15CDACA	QuickPanel+2 15" screen with View and Control (with blank bezel and conformal coating)

Accessories

Part Number	Description
IC762ACC07MNT	QuickPanel+2 replacement accessory kit for 7" panel (4 mounting clips, Power connector and Serial connector)
IC762ACC10MNT	QuickPanel+2 replacement accessory kit for 10" panel (4 mounting clips, Power connector and Serial connector)
IC762ACC12MNT	QuickPanel+2 replacement accessory kit for 12" panel (8 mounting clips, Power connector and Serial connector)
IC762ACC15MNT	QuickPanel+2 replacement accessory kit for 15" panel (8 mounting clips, Power connector and Serial connector)
IC762ACC07GAS	QuickPanel+2 7" Replacement Gasket
IC762ACC10GAS	QuickPanel+2 10" Replacement Gasket
IC762ACC12GAS	QuickPanel+2 12" Replacement Gasket
IC762ACC15GAS	QuickPanel+2 15" Replacement Gasket
IC762ACC10ADP	QuickPanel+2 Adapter plate for 10"
IC762ACC15ADP	QuickPanel+2 Adapter plate for 15"

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