



6" QuickPanel+™

Operator Interface for the Industrial Internet



To succeed in an outcome-driven world, businesses must operate faster and leaner and be increasingly connected. At GE's Automation & Controls, we understand today's connected business environment, and are committed to simplifying it. That's why we've designed an automation architecture that helps you design better machines and plants, operate them smarter, and redefine the interaction with your equipment.

A pivotal point within this architecture is the operator interface (OI) — where people and machines connect. GE has developed the QuickPanel+ — an OI for the Industrial Internet. This multi-functional device delivers the data and insight you need to face the challenges and demands of the connected world.

QuickPanel+ integrates process control, view, and an option to run embedded data historian, so your OI is no longer just a portal, but a strategic bridge for understanding and running your machine. The latest addition to GE's reinvigorated OI products, the QuickPanel+ takes machine interfaces into the Industrial Internet age for new levels of productivity, insight, and user experience.

High Performance

With faster processing speeds and more memory than QuickPanel View/Control products, QuickPanel+ delivers high-performance control, visualization, and data historian capabilities to maximize productivity and cost efficiency

Multi-functional Capability

QuickPanel+ provides core capabilities that help users operate in today's connected world. It is 3 devices in 1: an OI/HMI, a PLC/process controller, and a data historian. This combination puts more data at your fingertips, providing instant insight and control while reducing inventory and TCO. And, a single programming environment means implementation is fast and easy.

Interoperability & Flexibility

The interoperability of the QuickPanel+ adds to its ease of use. Using serial and Ethernet connectivity, it can be used with controllers and I/O from multiple vendors for swift and smooth implementation. The QuickPanel+ offers the flexibility needed to match specific customer or application requirements.

QuickPanel+ supports 5 IEC 61131-3 programming languages: Ladder Diagram (LD), Sequential Function Chart (SFC), Structured Text (ST), Instruction List (IL), and Function Block Diagram (FBD). The operator can select multi-language support when the system is online. Configuration is easy— a common database reduces development time by eliminating the need to re-enter tag names, and an extensive library of pre-configured animation objects is provided.

Specifications

Processor Node

- Freescale i.MX535 1GHz based on ARM Cortex A8
- 2D/3D Graphics Processing Unit
- 32KB Level 1 Instruction/Data Caches
- 256KB Level 2 Unified Instruction and Data Cache
- NEON SIMD Media Accelerator
- Vector Floating Point Coprocessor

Memory

- 512MB DDR2 SDRAM
- 256MB SLC NAND Flash
- 512KB Battery Backed SRAM

Display

- 6" TFT LCD
- 320 x 240 Resolution
- Resistive Touch Display

Ethernet Port

- 1x 10/100BaseT (RJ-45)

Serial I/O

- 1x RS-232 COM Port (5-Pin Connector)

USB

- 2x USB 2.0 (Type-A)
- 1x USB 2.0 (Mini Type-B)

Storage

- 1x SD/SDHC Card Slot

Audio

- x1 Mic In (mono) (3.5mm Jack)
- x1 Line Out (stereo) (3.5mm Jack)

Status Indicators

- Tri-color LED (Amber/Green/Red)
- On-board Buzzer

Operating System

- Microsoft® Windows® Embedded Compact 7

Power Requirements

- +24VDC ±20% (3-Pin Connector)
- Max power Consumption: 15W

Physical Specification

- External Dimensions: 192(W) x 137(H) x 36(D) mm
- Weight: 800g

Mounting Option

- Panel Cutout Dimensions: 183.5(W) x 128.5(H) mm
- Panel Mount Brackets Included
- Mounting Gasket
- VESA 75

Environmental

- Cooling Methodology: Natural Convection
- Operating Temp: 0°C to +55°C
- Storage Temp: -10°C to +60°C
- Humidity: 85% RH (non-condensing) @ 30°C

Compliance

- UL Listed US/CAN Hazardous locations: Class 1 Division 2; Class 2 Division 2; Class 3 Division 1
- DNV Marine Certification
- UL TYPE 4X
- CE (EN 60950-1, EN 61000-6-4, 61000-6-2)
- FCC Part15 Class A
- IP65F (JEM 1030)
- RoHS



Ordering Information

Operator Interfaces

IC755CSS06RDA QuickPanel® View & Control, 6" Color TFT with Resistive Touch Screen, GE Monogram Bezel, 24 VDC Powered

IC755CBS06RDA QuickPanel® View & Control, 6" Color TFT with Resistive Touch Screen, Blank Bezel, 24 VDC Powered

Accessories

IC755ACC07GAS QuickPanel® 7"/6" Replacement Gasket

IC755ACC07MNT QuickPanel® 7"/6" Accessory Kit - Replacement Mounting Clips, Power & Serial Port Connectors

IC755ACCBATT QuickPanel® Replacement Battery Pack

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