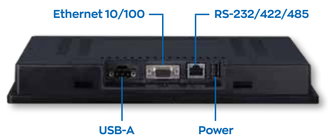
SMARTPANEL

The smartest choice for high usability, performance and connectivity to iC9200 and MPiec controllers.

The slim design and rugged resistive touch screen of the smartPanel is perfect for everyday industrial applications.

FEATURES

- ARM Cortex Processor
- Robust and durable- IP66 protection rating (front)
- Rugged resistive touchscreen
- Familiar WIndows system environment
- Slim space saving profile
- OPC UA with iC9200 and PLCI communication with MP3300iec, MP2600iec, and Sigma-7Siec using native data types



MODELS AND SPECIFICATIONS

Model Number	H41-A1A41-0	H71-A1A41-0	HA1-A1A41-0
Display Size [In]	4.3	7	10
Resolution [Pixel]	480 x 272	800 x 480	1024 x 600
Touch Screen	Resistive		
Processor	ARM Cortex-A8 1GHz		
Interfaces	1x RS232/422/485; 1x USB-A; 1x Ethernet		
Work Memory [MB]	512		
Load Memory [GB]	4		
Housing	Plastic		
Protection	Front: IP66 / Rear: IP20		
Operating System	Linux		
Runtime	HMI Designer		

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HMI PRODUCTS

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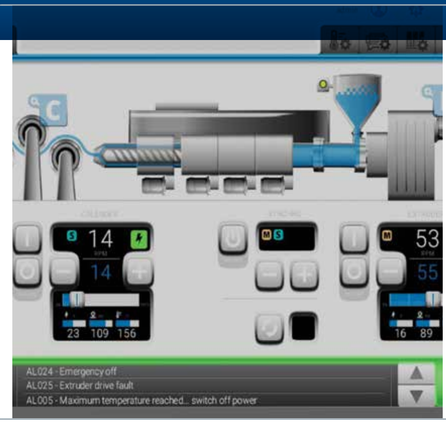
READY FOR RELIABILITY



Yaskawa is the leading global manufacturer of low and medium voltage variable frequency drives, servo systems, machine controllers and industrial robots. Our standard products, as well as tailor-made solutions, are well known and have a high reputation for outstanding quality and reliability.

YASKAWA

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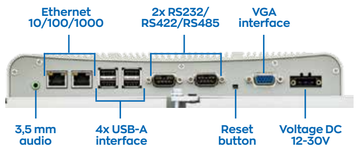
PANEL PC

The latest performance features and a precise, responsive capacitive touchscreen combine in Panel PC to deliver outstanding usability in a small space.

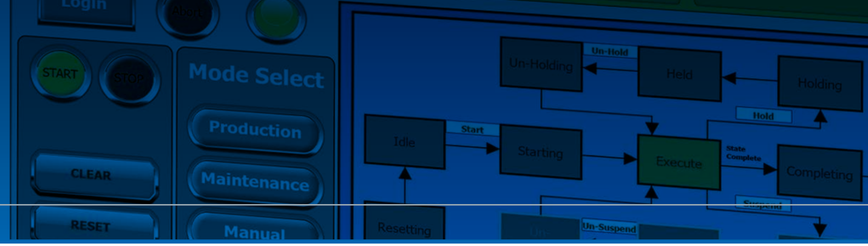
FEATURES

- Intel Celeron Processor
- Large integrated work memory
- High resolution responsive capacitive touchscreen
- Familiar Windows system environment
- Numerous interfaces for every application need
- Fanless construction
- High-quality metal housing
- OPC UA with iC9200 and PLCI communication with MP3300iec, MP2600iec, and Sigma-7Siec using native data types



HMI Designer

Integrated HMI Development Environment



FEATURES

- 200+ drivers (HMI can act as a protocol converter)
- Recipe Manager
- Alarm Handling
- JavaScript
- Trending
- Datalogging
- Project simulation
- OPC UA online browsing
- OPC UA tags synchronize with iCube Engineer projects
- Projects on Yaskawa panels
- Projects on PC's
- Projects on iC9200
- Modbus/TCP tag import from Motionworks IEC project

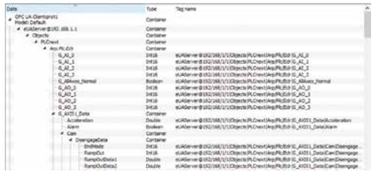
HMI Designer is an HMI development environment that is included with iCube Engineer at no additional cost.

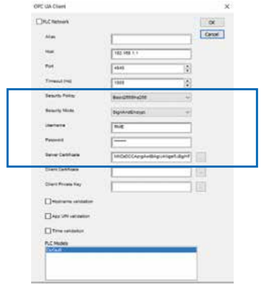
It is available as a stand-alone version also for use with MPiec products using the Modbus/TCP driver.

Projects can run on smartPanels, PanelPCs, PCs, iC9200, or HTML5 web panels and iCube Engineer OPC UA tags will synchronize with the HMI project.

HMI DESIGNER COMMUNICATION

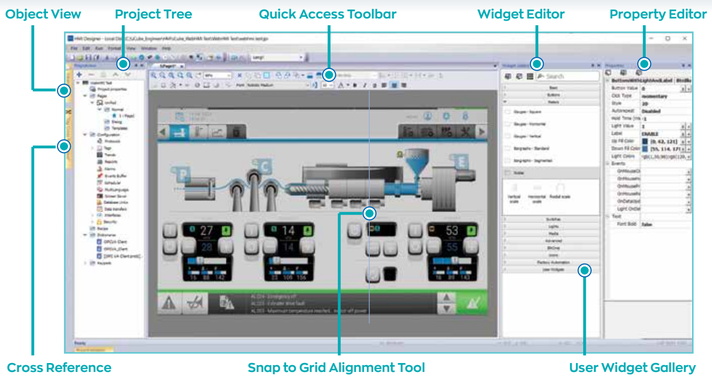
- OPC UA is the preferred communications protocol
- HMI is the Client
- Controller is the Server
- Security settings are available
- User data types are transferred to the HMI project
- Structures, arrays, etc., don't need to be broken down by the user





MODELS AND SPECIFICATIONS

Model Number	67K-RTPO-KJ	67P-RTPO-KJ	67S-RRTPO-KJ
Display Size [in]	10.1	15.6	21.5
Resolution [Pixel]	1280 x 800	1366 x 768	1920 x 1080
Touch Screen	Capacitive		
Processor	Intel Celeron J1900 Quadcore x 2.0 GHz		
Interfaces	2x Ethernet; 2x RS232/422/485 (SUB-D) 2x USB 2.0; 1x USB 3.0; 1x VGA; 1x Audio out		
Work Memory [GB]	8		
User Memory [GB]	64		
Card Slot	CFast		
Casing	Aluminium		
Protection	Front: IP65 / Rear: IP20		
Operating System	Windows 10 IoT		
Runtime	HMI Designer		



HMI PROJECT ON iC9200

- iC9200 hosts the HMI project (WebVisu)
- Uses iCube resources (3rd core processor, memory)
- Generic HTML5 device used for viewing
- iC9200 is selected as the target
- If "unified" project is selected (default), same project can be sent to controller or HMI panel