YASKAWA

HMI

READY FOR RELIABILITY

SMARTPANEL

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

Ethernet 10/100 **RS-232/422/485**
USB-A **Power**

10"
7"
4.3"

smartPanels work with any Yaskawa MPiec controller to bring easy user control and connectivity to a medium-sized application. Movicon 11 software gives users a virtually unlimited choice of tags, screens, recipes, alarms, etc.

QUALITY

- Robust and durable – IP66 protection rating (front)

FUNCTIONALITY

- The smartPanels come with Movicon 11 and Windows Embedded Compact 7, for resource hungry applications

SMARTPANELS IN DETAIL

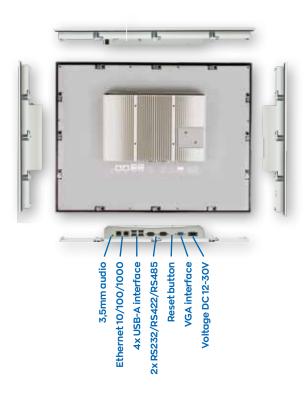- Slim profile
- Robust housing
- Powerful scripting capabilities

DIAL-IN FROM ANYWHERE

- VNC-Client software offers dial-in access from any location worldwide

smart	H41-71A41-0	H71-71A41-0	HA1-71A41-0
Operating System	Windows Embedded Compact 7		
Runtime	Movicon 11		
Display Size [In]	4.3	7	10
Resolution [Pixel]	480x272	800x480	1024x600
Touch Screen	resistive		
Processor	ARM Cortex-A8 1GHz		
Interfaces	1x RS232/422/485, 1x USB-A, 1x Ethernet		
int. RFID Reader	-		
Work Memory [MB]	512		
Load Memory [GB]	4		
Card Slot	-		
Housing	plastic		
Protection	Front: IP 66 / Rear: IP 20		

PANEL PC

Intelligent control and monitoring with PC performance

Interface labels:
- 3,5mm audio
- Ethernet 10/100/1000
- 4x USB-A interface
- 2x RS232/RS422/RS485
- Reset button
- VGA interface
- Voltage DC 12-30V

21.5"

15.6"

10.1"

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

All three models feature Intel Atom processors, large integrated work memory and display resolutions up to full HD in the 21.5" Panel PC. A familiar Windows system environment means users are instantly comfortable with how the system works. The Panel PCs also have many useful interfaces. High quality materials enhance the appearance of your control cabinet.

- Intel Celeron J1900 4 x 2.0 GHz
- High resolution displays deliver up to full HD
- Numerous interfaces for every application need
- Fanless construction
- High-quality metal housing

	67K-RRJO-EB	67P-RRJO-EB	67S-RRJO-EB
Display Size [in]	10.1	15.6	21.5
Resolution [Pixel]	1280x800	1366x768	1920x1080
Touch Screen	Capacitive		
Processor	Intel Celeron J1900 4 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 [MB]	2,048-4,096		
User Memory [MB]	2,048-16,384		
Card Slot	CFast		
Casing	Aluminium		
Protection	front: IP65	rear: IP20		
Operating System	Windows Embedded Compact 7		
Runtime	- Movicon11		

Movicon

A market leader in operating/monitoring software with more than 80,000 touch panels installations worldwide

Movicon is a safe and reliable software solution for visualization applications, especially those which must be made available for mobile technologies. The exclusive, innovative technology of "XMLInside" offers a unique development environment for HMI, SCADA, SoftLogic and data analysis.

Development times become shorter, the solutions for users become more open, user friendly and higher in performance. This makes development times shorter and yields solutions that are ergonomic, flexible and easy to maintain.

While Movicon is completely XML based, it relies on open and new upcoming standards including web service, SVG, SQL, ODBC, .NET and Java for Web-Client solutions. Movicon is the standard for industrial automation, remote maintenance, industry and building automation. It is hardware independent and allows scalable development in systems from small to large with redundant client/server architecture.

COMPREHENSIVE GRAPHIC LIBRARY

A wide variety of simple, understandable graphic images are built in, plus 16 animation features for objects including motion, transparency functions, colors, color fillings, text editing and more.

EDITABLE VECTOR GRAPHICS

Equipped with powerful design and layout functions in 32 levels, the objects support an effective inheritance concept and Alias Parameter Management.

PROCESS DATA STORING IN DATA LOGGERS

Object-based management and automatic ODBC connection for archives in relational data bases is included. In-memory database support is available for the alternative recording in encodable text and XML files.

AUTOMATIC RECIPE CONTROL

Self-configurable recipes may be controlled on the basis of relational data bases or text files. Archiving in data bases and creation of the graphic user surface is possible with only a few clicks.

MODBUS TCP/IP AND PLCI CONNECTIVITY TO MPIEC CONTROLLERS

Enjoy the assurance of the familiar Modbus TCP/IP or the easy connection of the new PLCi with any Yaskawa MPiec Controller.

DATA IMPORT FROM THE PLC

All important drivers support the automatic tag import from the PLC program. Tag import from every system (e.g. MS Excel).

Features	Movicon 11 CE
I/O Bytes	4096
Screens	•
Graphics Library	•
Power Templates	•
Alarms	max. 4096
Accelerators and Menus	•
Touch Screen	•
Event Historical Log	•
Dynamic Language Change	•
IL Logic (SoftLogik)	•
VBA Multi-threading	•
ActiveX- OCX	•
Debugger OnLine/ Remote	•
Dynamics Trends	•
Historical Trends	•
Recipes	•
Data Logger	•
Reports	only Text Reports
Network Operation	•
Multi-driver Capable	max. 2
SMS/E-Mail	•
OPC UA, DA und XML DA Client	•
VBA Drivers Interface	•
Web Client	2 Users

• = unlimited / depends on the project

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.

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