

7" Industrial PC Panel

| MODEL | DESCRIPTION |
|---------------------------------------|--|
| iSMA-D-PA7-B | 7" industrial PC panel with Android 14 and iC SmartView platform for IP controllers equipped with a web server |
| With dedicated power adapters: | |
| iSMA-D-PA7-B-EU | 24 V DC/110-240 V AC EU plug power supply adapter |
| iSMA-D-PA7-B-UK | 24 V DC/110-240 V AC UK plug power supply adapter |
| iSMA-D-PA7-B-US | 24 V DC/110-240 V AC US plug power supply adapter |



APPLICATION AND USE

iSMA-D-PA7-B is a new-generation 7" industrial HMI panel running on Android 14, designed for reliable 24/7 operation in demanding industrial environments, featuring IP65-rated front panel. Powered by a quad-core processor and 4 GB of RAM, the panel is designed to provide an optimal performance for building automation and control applications requiring responsive, local visualization. The PA7 panel is ideal for integration with controllers equipped with HTML5 web servers, providing a high-performance local HMI interface. Controllers such as MAC36PRO, JACE-9000, or others powered by Niagara and IP-enabled devices can be connected via Ethernet, enabling a smooth display of controller-stored graphics and dashboards.

The panel is equipped with the iC SmartView platform, exclusive to iC HMI panels. It allows for a quick setup, visualization, and management through an intuitive interface. iC SmartView includes a kiosk mode, auto-login to one or multiple stations, and a home station feature that ensures automatic reconnection after a power cycle. A 16:9 aspect ratio and 1024x600 resolution ensure high readability, with a pinch-to-zoom support for convenient navigation of graphical interfaces. The panel is designed for flush mounting in control cabinets but is also VESA compliant, allowing wall installation when required. The configuration menu is available in seven languages, enabling easy customization of displayed content. The product is supplied with EU, UK, or US power adapters.

FEATURES

- Android 14 operating system
- Reliable 24/7 operation
- Quad-core 2.0 GHz processor, 4 GB RAM, 32 GB eMMC storage
- 2.4G / 5.0G Wi-Fi (802.11 a/b/g/n) with detachable antenna
- RJ45 10/100/1000 Mbps Gigabit Ethernet
- Aluminum alloy enclosure
- IP65-rated front panel
- Ready for cabinet-mount installation
- VESA-compatible mounting
- Available with EU, UK, or US power adapter
- 7" capacitive touch display
- Aspect ratio: 16:9
- Resolution: 1024 × 600
- Response time: 6.5 ms
- Pinch-to-zoom gesture support

DEDICATED SOFTWARE



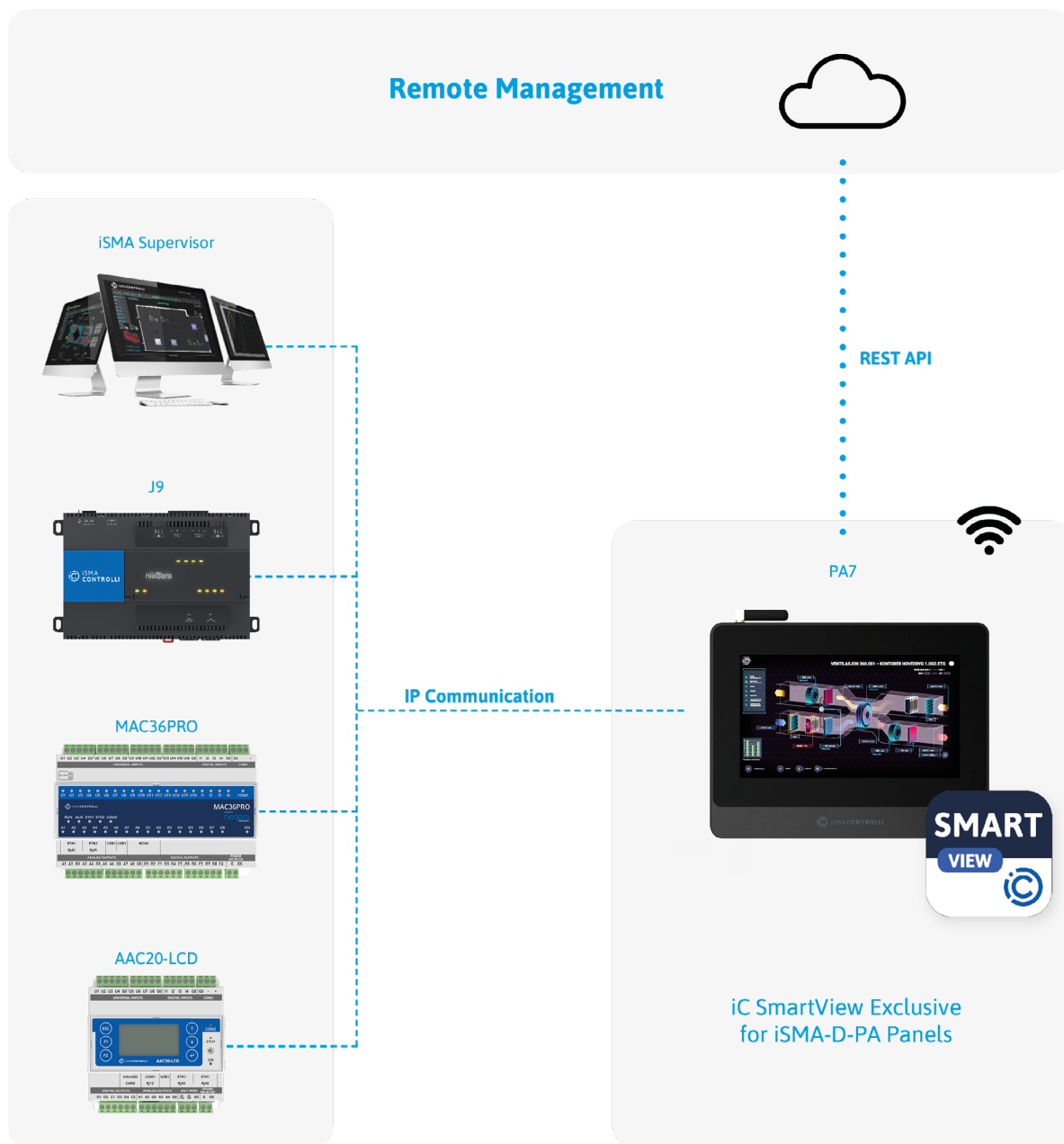
iC SmartView - app designed for iSMA CONTROLLI Android panels, HTML-based controllers management platform for seamless device access throughout the building

iC SmartView FEATURES

- Exclusive for iSMA CONTROLLI Android panels
- Support for multiple device views including Niagara stations and HTML5 web servers
- HTTPS support
- Autologin
- Home station that autostarts with the app
- Autoupdate
- Kiosk mode
- Quick start guide
- Screensaver
- PIN protection of each view
- Export settings to a file
- Import settings from a file
- Rest API for remote app management

The performances stated in this sheet can be modified without any prior notice.

| DESCRIPTION | | 7" PC PANEL |
|--------------------|--------------------|---------------------------------------|
| Power supply | Voltage | 110-240 V AC, 50/60 Hz |
| | Power input | 24 V DC +/-20% |
| | Power adapter | EU, UK, or US |
| Display | Screen type | LED, with backlight lifetime ≥50000 h |
| | Touch type | 10-point capacitive touch screen |
| | Size | 7 in |
| | Aspect ratio | 16:9 |
| | Resolution | 1024x600 |
| | Contrast | 500:1 |
| | Luminance standard | 300 nit |
| | Response time | 6.5 ms |
| | Active area | 154.81x86.52 mm/6.09x3.40 in |
| | Display colors | 16.7 M |
| | View angle | 75/75/70/75 |
| Interfaces | Audio | Audio output |
| | ETH1 | RJ45 |
| | USB1 | USB OTG |
| | USB2 | USB 3.0 |
| | HDMI | HDMI port |
| | TF/SD card | TF/SD card slot |
| Ingress protection | IP rating | IP 65 for front panel |
| Temperature | Storage | -10°C to 60°C (14°F to 140°F) |
| | Operating | -10°C to 60°C (14°F to 140°F) |
| Humidity | Relative | 10 to 80% RH |
| Housing | Material | Aluminum alloy enclosure |
| | Mounting | VESA compatibility, wall mounting |
| Dimensions | Width | 196.54 mm/7.73 in |
| | Length | 152.20 mm/5.99 in |
| | Height | 38.90 mm/1.53 in |



DIMENSIONS [mm]

