HMI Panel

7" Industrial PC Panel

MODEL	DESCRIPTION
iSMA-D-PA7C-B1	7" Industrial PC Panel with the Android operating system and dedicated iSMA Android Application

APPLICATION AND USE

iSMA-D-PA7C-B1 is a 7" Industrial PC Panel with the Android 6.0 operating system. It has been designed to simplify the use of the Master Application Controller, MAC36NL. The panel can be connected with MAC36NL, JACE, or Supervisor powered by Niagara or any HTML5 web server-based controller to display graphics on a web page. The Android PC panel can also be used as a user interface. The dedicated iSMA Android Application, pre-installed on the panel, enables communication with multiple IP-based devices in the building. The aspect ratio of 16:9 with the 1024x600 resolution enable clear display of graphics. The panel is VESA compliant and can be wall-mounted. The panel has an extensive menu in 7 languages, where the displayed image can be easily customized. Available with EU, UK, or US power adapter.

FEATURES

- Android 6.0 operating system
- 7" display with a capacitive touch screen
- Aspect ratio 16:9
- Resolution 1024x600
- Response time 6.5 ms
- IP65 for front panel
- Aluminum alloy enclosure
- VESA compatible
- Available with EU, UK, or US power adapter

DEDICATED SOFTWARE

iSMA Android Application - app designed for iSMA CONTROLLI Android panels, which allows for easy logging and accessing the Niagara station or any HTML5 web server

iSMA ANDROID APPLICATION 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
- Kiosk mode
- PIN protection of each view
- Export settings to a file
- Import settings from a file
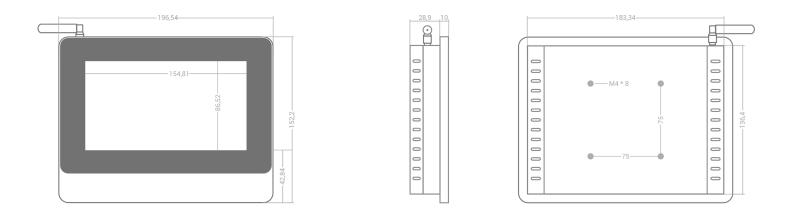- Rest API for remote app management

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

TECHNICAL SPECIFICATION

DESCRIPTION		7" PC PANEL
Power supply	Voltage	110-240 V AC, 50/60 Hz
	Power input	12 V DC
	Power adapter	EU, UK, or US
Display	Screen type	LCD, with backlight lifetime ≥50000 h
	Touch type	10-point capacitive touch screen
	Size	7 in
	Aspect ratio	16:9
	Resolution	1024x600
	Contrast	800:1
	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	COM1	RS232
	COM2	RS232
	Audio	Audio output
	ETH1	RJ45
	USB1	mini USB OTG
	USB2	USB 2.0
	USB3	USB 2.0
	HDMI	HDMI port
	TF/SD card	TF/SD card slot
	SIM	SIM card slot
Ingress protection	IP rating	IP 65 for front panel
Temperature	Storage	-10°C to 60°C (14°F to 140°F)
	Operating	0°C to 60°C (32°F to 140°F)
Humidity	Relative	20 to 85% 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

APPLICATION EXAMPLE

Remote Management

iSMA Supervisor

J8

MAC36NL

AAC20-LCD

IP Communication

REST API

PA7

**iSMA Android App Exclusive
for iSMA-D-PA Panels**

DIMENSIONS [mm]

196,54

154,81

86,52

152,2

42,84

28,9   10

183,34

M4 * 8

75

75

136,4

iSMA CONTROLLI S.p.A. - Via Carlo Levi 52, 16010 Sant'Olcese (GE) - Italy | support@ismacontrolli.com