



Esaware Web Panel

Browser-based efficient control

Esaware Web Panel is based on Android operating system. Chrome browser, pre-installed on Esaware Web Panel, allows you to visualize any kind of web pages from a local or remote WEB Server.

Thanks to Chrome you can also visualize web pages from our Web Server that is available on all Esaware HMI. Esaware EW107BD is also available with MicroBrowser software, the ideal tool to visualize contents from Saia PLC or developed with CODESYS TargetVisu ver. 2.X.

Esaware Web Panel is also available with a RS232/485 serial port, that allows the communication through standard protocol with devices equipped with this kind of interface.

Esaware EW107BD is fully compatible with HTML5 and Web Socket technologies.

Esaware Web Panel is also equipped with a dedicated app store, ESA AppStore, created on purpose to allow the update of existing apps.

EW107BD has been created to satisfy users' needs. Not only you have the possibility to install any kind of application, but you can also customize the installed launcher and the store server, that is used to update the apps.

These are EW107BD Android main features:

- Customized Launcher
- Chrome Browser
- Preinstalled MicroBrowser (EW1xxxD300)
- SNTP Server and Client
- Aluminium front Side PTFE coating
- Capacitive Touch Screen
- High Bright 16 Millions Colors Display
- Arm Cortex A9 Quad Core CPU
- 4 GB DDR3L Ram
- 8 GB Flash
- SDHC v2.0 (up to 25 Mbyte/s)
- 2 USB v2.0 Ports
- 1 Ethernet 1 Gb Port + 1 Ethernet 10/100 Mb
- 1 RS232-485 Port (optional)
- Wi-Fi and 3G (optional)

These are EW107BD Linux main features:

- Desktop Interface
- Chromium Browser
- SNTP Client
- NTP Client
- Aluminium front Side PTFE coating
- Capacitive Touch Screen
- High Bright 16 Millions Colors Display
- Arm Cortex A9 Quad Core CPU
- 4 GB DDR3L Ram
- 8 GB Flash
- SDHC v2.0
- 2 USB v2.0 Ports
- 1 Ethernet 1 Gb Port + 1 Ethernet 10/100 Mb
- 1 RS232-485 Port (optional)
- Wi-Fi and 3G (optional)



Capacitive Web Panel for Thin Client Application

Features	EW107BD200 Android	EW107BD2SP Android	EW107BD300 Android	EW107BD400 Linux	EW107BD4SP Linux
Display Size			7"		
Display Technology			TFT		
Display Colors			16 M		
Display Backlight			LED		
Display Brightness (cd/m ²)			500		
Display Resolution (pixel)			1024x600		
Backlight Life (hours)			50 K		
Touch Technology			Capacitive		
Processor			ARM Cortex A9 Quad-Core		
RAM			2 GB DDR3L		
Flash			8GB		
Browser	Chrome		Chrome/Microbrowser	Chromium/Firefox	
Ethernet Port			1 x 1 GB + 1 x 10 / 100 Mb		
USB Port			2 x vers. 2.0		
Serial Port	-	1 X RS232/485	-	-	1 X RS232/485
Expansion Slot			1 x MINI PCI express		
Cardbus slot			1 x SDHC		
Power Supply (Vdc)			12 - 32		
Consumption (W)			7		
Operating Temperature (°C)			-10 ... + 50 (non condensing)		
Storage Temperature (°C)			-20 ... + 65		
Humidity			<90% (non condensing)		
External dimensions (W/H) (mm)			192 x 132 x 32		
Cut-out dimensions (W/H) (mm)			185,0 x 125,0		
Weight (kg)			0,5		
Protection degree (front)			IP 66		
Certifications	CE / EN60068-2-6 / EN60068-2-27 / Humidity EN60068-2-30				