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 EW100BD main features:

- Linux/Android Operating Systems
- Chrome Browser
- Micro Browser
- SNTP Server and Client
- Aluminum Front Side PTFE coating
- True Flat Touch Screen
- CPU Arm Cortex A9 Quad Core
- Ram DDR3L
- Internal Memory 8 Gbyte
- SDHC v2.0 (up to 25 Mbyte/s)
- High Bright 16 Millions Colors Display
- Wi-Fi and 3G

Capacitive Web Panel for Thin Client Application

Features	EW107BD200	EW107BD2SP	EW107BD300
Display Size	7"		
Display Technology	TFT		
Display Colors	16M		
Display Backlight	LED		
Display Brightness (cd/m²)	500		
Display Resolution (pixel)	1024x600		
Backlight life (hours)	50K		
Touch Technology	Capacitive		
Processor	ARM Cortex A9 Quad-Core		
RAM	4 GB DDR3L		
Flash	8 GB		
Browser	Chrome		Chrome/Microbrowser
Ethernet Port	1 x 1 GB + 1 x 10 / 100 Mb		
USB Ports	2 x vers. 2.0		
Serial Port (Only Linux Version)	-	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/D) (mm)	192 x 132 x 32		
Cut-out dimensions (W/H) (mm)	185 x 125		
Weight (kg)	0,5		
Protection degree (front)	IP 66		
Certifications	CE / EN60068-2-6 / EN60068-2-27 / Humidity EN60068-2-30		