



## Esaware HMI + SoftPLC + I/O

### Control made easy

	EW104AC	EW107AC	EW112AC	EW115AC
Display Size	4,3"	7"	12,1"	15,6"
Display Technology	TFT			
Display Colors	262 K	16 M		
Display Backlight	LED			
Display Brightness (cd/m <sup>2</sup> )	400	600	400	300
Display Resolution (pixel)	480x272	800x480	1280x800	1366x768
Backlight Life (hours)	50 K			
Processor	ARM Cortex A8			
RAM	256 MB DDR3		512 MB DDR3	
Flash	3 GB			
I/O Slot	4	8	12	16
NVRAM	32 Kb (SoftPLC)			
Scan Time (µSec)	Typical 30			
Serial Ports	SP1 RS232/485-MPI-COM0; SP2 RS232/485-MPI-COM0; CAN; Profibus			
Ethernet (EtherCAT master)	1 x 10/100Mb	2 x 10/100Mb		
USB Ports	1 x USB Host + 1 x USB Device		2 x USB Host + 1 x USB Device	
Cardbus slot	1 x SDHC/MMC			
Power Supply (Vdc)	18 - 32			
Consumption (W)	4	7	15	19
Operating Temperature (°C)	-10 ... +50 (non condensing)			
Storage Temperature (°C)	-20 ... +65			
Humidity	<90% (non condensing)			
External dimensions(W/H/D) (mm)	166 x 112 x 45,9 (61 with double port)	202 x 142 x 45,9	340,5 x 238,5 x 48,6	436,5 x 285,5 x 54,4
Cut-out dimensions (W/H) (mm)	158,5 x 104,5	195 x 135	326 x 227	422,5 x 271,5
Weight (kg)	0,5	0,8	2,5	4,5
Protection degree (front)	IP 66			

Certifications	CE / EN60068-2-6 / EN60068-2-27 / Humidity EN60068-2-30 / cULus (Certificate no. E189179) EAC / ATEX 2014/34/UE directive Group II Category 3 G D Zone 2/22
----------------	---