

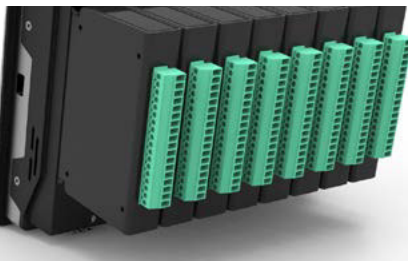
Esaware HMI + SoftPLC + I/O

Control made easy

Our HMI + SoftPLC CoDeSys + Ethercat master + I/O for visualization/control through onboard I/O and Remote Maintenance Platform. The embedded complete solution for the control and command of any kind of industrial application. Thanks the EW600 I/Os it is possible to create extremely flexible configurations.

These are EW100AC main features:

- Backplane for EW600 I/O
- Preloaded CoDeSys v.3.5 Runtime
- Embedded NVRam
- Watchdog Sw
- Watchdog Hw
- Ethercat master interface on board
- Operating System Windows Embedded Compact 7 Pro
- Preloaded Everyware runtime
- SNTP Server and Client
- Aluminum Front Side PTFE coating
- True Flat Touch Screen
- Status leds on front
- CPU Arm Cortex A8 1 GHz
- Ram DDR3
- Internal Memory 3 Gbyte
- SDHC v2.0 (up to 25 Mbyte/s)
- High Bright 16 Millions Colors Display



With the addition of an integrated I/O backplane and Esaware EW600 local I/O, the EW100AC is the complete automation control system. The EW100AC “all in one” solution can be expanded with Ethercat “real time” distributed I/O, delivering ultimate flexibility and efficiency.



Features	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 ²)	400	600	400	300
Display Resolution (pixel)	480 x 272	800 x 480	1280 x 800	1366 x 768
Backlight life (hours)	50 K			
Processor	ARM Cortex A8			
RAM	256 MB DDR3		512 MB DDR3	
Flash	3GB			
I/O Slot	4	8	12	16
NVRAM	32Kb (SoftPLC)			
Scan Time (µSec)	Typical 30			
Serial Ports	SPI 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	195,0 x 135,0	326,0 x 227,0	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			