HMI25
Entry Level visualization systems

HMI25 are the entry level operator panels of the ASEM portfolio. With competitive price HMI25 provides an incomparable number of functionalities with the advanced features of PHMI4 visualization software, in Basic or Advanced version, and the remote assistance software platform ASEM UBIQUITY. They are available with 16 million colors TFT LED backlight LCD displays in

4.3" and 7" sizes with 16:9 aspect ratio, with Aluminium or Aluminium True Flat front panels. HMI25 are based on an ARM Cortex A8 processor, 1 GHz (Freescale i.MX535) and Windows Embedded Compact 7 Pro operating system. The motherboard includes the ASEM Smart Memory System, with 1 GB system RAM (DDR3-800), a write-protected 256 MB Nand-Flash for the operating system and

Runtime storage, 4 GB eMMC memory for storage and management of HMI project data, an RS-232/422/485 configurable serial port with MPI support, a USB 2.0 interface and a 100 Mbps Ethernet interface. HMI25 includes the ASEM System Manager, a series of software utilities to improve the operator panels management.
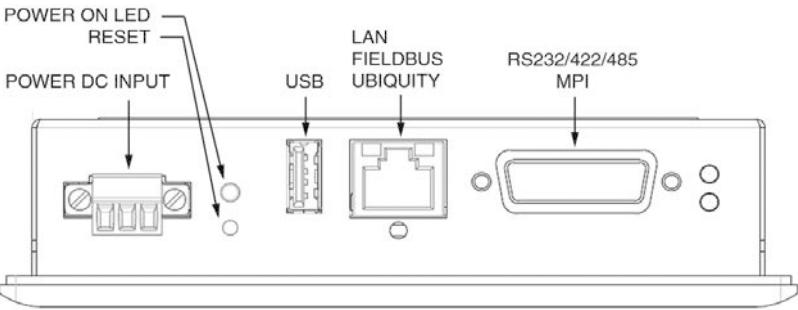
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UBIQUITY

PREMIUM HMI

⊕ Highlights

→ Ubiquity Remote Assistance Software with remote access to the system and to Ethernet and Serial sub-networks

→ ARM Cortex A8 Processor at 1 GHz

→ ASEM Smart memory system

→ 4.3" and 7" displays in 16:9 aspect ratio

→ Front panel in Aluminium or Aluminium True Flat

→ IP66 front degree of protection - Enclosure type 4X (Indoor use only)

→ Operating temperature 0°C÷+50°C

→ UL 508 listed component

Gallery

I/O shield

Technical data

	HMI25 / HMI25-TF
HMI Software	PREMIUM HMI 4 BASIC / ADVANCED
REMOTE ASSISTANCE SW	ASEM UBIQUITY PRO
O.S. INSTALLED	Windows Embedded Compact 7 Pro
PROCESSOR	ARM Cortex A8 1GHz
DRAM / SYSTEM MEMORY	1 GB
MASS STORAGE	256 MB NAND-FLASH
	4 GB eMMC (SSD)
LED backlight TFT LCD	4.3" W - 480x272 7" - 800x480
TOUCHSCREEN	Resistive 4 wires
FRONT PANEL	Aluminium | Aluminium True Flat
PROTECTION DEGREE	IP66 front panel
INTERFACES	1 x LAN 100Mbps
	1 x USB 2.0 (Type-A, rear)
	1 x RS232/422/485 with MPI support (187Kb/s)
POWER SUPPLY UNIT	24VDC input voltage
OPERATING TEMPERATURE	0°- 50°C
APPROVALS	CE, cULus LISTED (508)