

Main

Range of product	Magelis Smart
Product or component type	Embedded panel
Product specific application	Heavy duty application
Processor name	Intel Celeron M
Processor frequency	600 MHz
Data storage equipment	Flash disk 1 GB
Number of slots available for expansion	1 PCMCIA 1 Compact Flash card (1GB)
Operating system	Windows XPe SP2
Software package	Client edition
[Us] rated supply voltage	24 V DC
Immunity to micro-breaks	5 ms
Display size	15 inch
Pixel resolution	1024 x 768 pixels XGA

Complementary

Terminal type	Touchscreen display
Memory description	Internal RAM SDRAM 256 MB, expandable to 1 GB
Integrated connection type	1 USB port front panel 2 Ethernet TCP/IP control box RJ45 4 USB 2.0 ports control box COM2 serial link control box male SUB-D 9 RS232C Audio line output control box mini-jack
Port Ethernet	10BASE-T/100BASE-T 10BASE-T/100BASE-T/1000BASE-T
Power consumption	≤ 90 W
Display type	Active matrix colour TFT LCD
Display colour	16777216 colors
Luminance	≥ 250 cd/m ²
View angle horizontal x vertical	160 x 160 °
Touch panel	Analogue resistive 1000000 cycles
Front material	Aluminium alloy
Enclosure material	Treated steel
Screen protection	Polyethylene sheet
Fixing mode	By 8 bolts panel By 8 bolts enclosure door
Local signalling	1 LED green PC switched on (ON) 1 LED green accessing Compact Flash memory (DISK)
Cut-out dimensions	383.5 (+ 1/- 0) x 282.5 (+ 1/- 0) mm
Width	395 mm
Height	294 mm
Depth	60 mm
Product weight	6 kg

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Environment

IP degree of protection	IP65
Standards	CSA 142 IEC 61131-2 UL 508
Electromagnetic compatibility	Immunity to electromagnetic emissions EN 55011 group 1 class A Immunity to electromagnetic emissions EN 61000-3-2 Immunity to electromagnetic emissions EN 61000-3-3 Immunity to high frequency interference IEC 61131-2 Immunity to high frequency interference EN 61000-6-2 Immunity to high frequency interference FCC Class A
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...85 %
Operating altitude	0...3000 m
Storage altitude	0...12000 m
Vibration resistance	9.8 m/s ² 10...25 Hz
RoHS EUR conformity date	0735
RoHS EUR status	Compliant