



Main

Range of product	Magelis STO & STU
Product or component type	Touch panel screen
Software designation	Vijeo XD
Operating system	Magelis

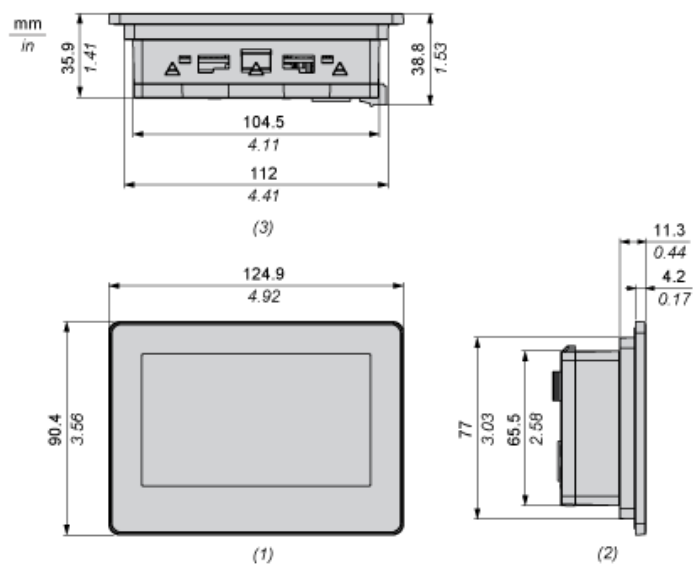
Complementary

Display size	4.3 inch
Display type	Colour TFT LCD
Display colour	65536 colours
Pixel resolution	480 x 272 pixels
Touch panel	Analogue
Backlight lifespan	50000 hours (white)
Brightness	16 levels via touch panel
Character font	ASCII (European characters) Chinese (simplified Chinese) Cyrillic Japanese (ANK, Kanji) Korean Taiwanese (traditional Chinese)
[Us] rated supply voltage	12...24 V DC - 10...20 %
Power consumption	7.5 W
Number of pages	8999
Memory description	Back up of data, 512 kB Application memory, 26 MB
Integrated connection type	1 USB (V2.0) port mini B USB 1 USB (V2.0) port USB type A 1 serial link RJ45, transmission rate 2400...115200 bps (RS232C/RS485)
Realtime clock	With RTC-battery set (optional)
Downloadable protocols	Modbus Third party protocols
Range compatibility	Omron Allen-Bradley Mitsubishi Siemens
Fixing mode	By 2 installation fasteners on 1.5 to 6 mm thick panel
Enclosure material	PPT
Front material	Plastic
Cut-out dimensions	77.5 x 112.5 mm 66 x 105 mm (with mounting adaptor)
Product weight	0.22 kg

Environment

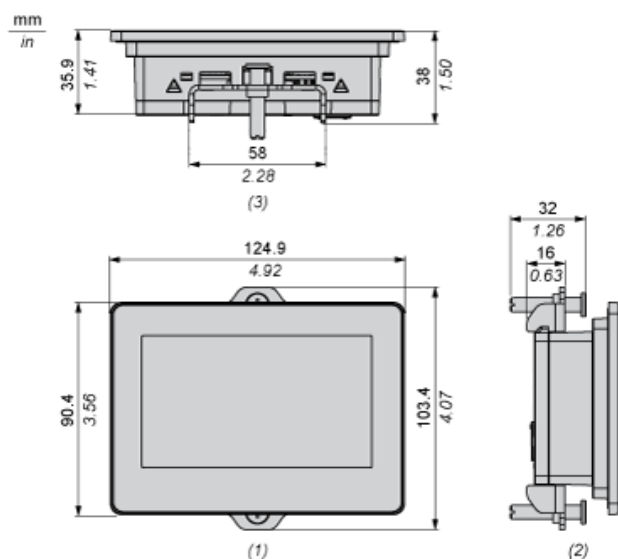
Standards	CSA C22.2 No 142 EN 61000-6-2 EN 61000-6-4 EN 61131-2 UL 61010-1 CSA C22.2 No 213 ANSI/ISA 12.12.01 UL 61010-2-201
Product certifications	ATEX zone 2/22 CE C-Tick CUL UL KCC
Directives	2002/96/EC - WEEE directive 2002/95/EC - RoHS directive 1907/2006/EC - REACH directive
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...90 % without condensation
Operating altitude	2000 m
IP degree of protection	IP65f (front panel) IP20 (rear panel)
NEMA degree of protection	NEMA 4X/13 front panel (indoor use)
Shock resistance	15 gn for 11 ms conforming to IEC 61131-2
Vibration resistance	1 gn (f = 5...150 Hz) conforming to IEC 61131-2 3.5 mm constant amplitude (f = 5...150 Hz) conforming to IEC 61131-2
Electromagnetic compatibility	Resistance to radiated electromagnetic fields : 10 V/m 80 MHz...2.7 GHz Resistance to electrostatic discharge : 8 kV air discharge conforming to EN 61000-4-2 level 3 Resistance to electrostatic discharge : 6 kV direct contact conforming to EN 61000-4-2 level 3

External Dimensions



- 1 Front
- 2 Left
- 3 Bottom

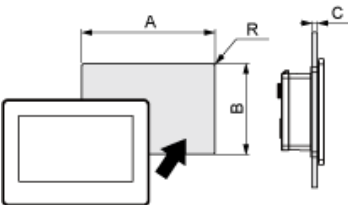
Dimensions with Installation Fasteners



- 1 Front
- 2 Left
- 3 Bottom

Mounting

Panel Cut-out Dimensions



Dimensions in mm

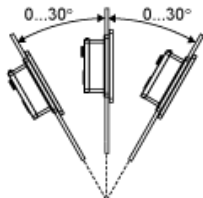
Description	A	B	C	R
Without adapter	112.5	77.5	1.5...6	3 max.
With adapter	105	66	1.5...6	3 max.

Dimensions in in.

Description	A	B	C	R
Without adapter	4.43	3.05	0.06...0.24	0.12 max.
With adapter	4.13	2.6	0.06...0.24	0.12 max.

Installation Requirements

Mounting Angle



When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).

Clearance

