

Product data sheet

Specifications



10" wide screen touch panel, 16M colors, COM x 2, ETH x 1, USB host / device, RTC, DC24V

HMIET6500

Main

Range of product	Easy Harmony ET6
Product or component type	Touch panel screen
Software package	Vijeo Designer Basic
Processor name	ARM Cortex-A8

Complementary

Display size	10 inch
Display type	Colour TFT LCD
Display colour	16 million colours
Display resolution	1024 x 600 pixels WSVGA
Touch panel	Single touch analogue resistive
Brightness	16 levels
Character font	ASCII ASCII (European characters) Chinese (simplified Chinese) Japanese (ANK, Kanji) Katakana Korean Taiwanese (traditional Chinese)
[Us] rated supply voltage	24 V DC +/- 20 %
Inrush current	30 A
Local signalling	Status LED green, steady operating Status LED orange, steady software starting up Status LED red, steady power supply (ON) Status LED, off power supply (OFF)
Power consumption in W	11 W
Number of pages	200 application pages
Port Ethernet	10/100BASE
Memory description	Device memory 256 MB User data memory 256 MB Backup memory 128 kB
Integrated connection type	1 COM1 serial link - 1 SUB-D 9-pin male - RS232C 2400...115200 bps)bottom 1 COM2 serial link - 1 SUB-D 9-pin male - RS422/RS485 2400...115200 bps)bottom COM2 serial link 2400...187500 bps)bottom 1 Ethernetbottom 1 USB 2.0 type Aback 1 USB 2.0 type micro Bback
Supply	External supply
Realtime clock	Built-in 0...50 °C Built-in 10...90 % RH

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Downloadable protocols	Modbus Uni-TE Third party protocols
Product brand	Schneider Electric
Fixing mode	By 4 screws 1.6...5 mm thick panel
Cut-out dimensions	255 x 185 mm panel cut dimension
Height	7.9 in (201 mm)
Width	10.7 in (271 mm)
Depth	1.9 in (47 mm)
Net weight	2.18 lb(US) (0.99 kg)

Environment

Immunity to microbreaks	5 ms
Enclosure material	PC
Front material	Plastic
Standards	IEC 61000-6-4 IEC 61000-6-2 IEC 61131-2 UL 61010-2-201 CSA C22.2 No 61010-1-201
Product certifications	CE UL EAC (pending) KC-Mark (pending)
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Relative humidity	10...90 % non-condensing
Operating altitude	2000 m
IP degree of protection	IP20 IEC 61131-2 rear panel) IP65 IEC 61131-2 front panel)
Shock resistance	147 m/s ² 11 ms X, Y, Z directions for 3 times)IEC 61131-2
Vibration resistance	+/- 3.5 mm 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) IEC 61131-2 9.8 m/s ² 9...150 Hz)
Electromagnetic compatibility	Electrical fast transient/burst immunity test - test level: 2 kV (power ports) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: 1 kV (signal ports) Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to IEC 61000-4-2 level 3 Electrostatic discharge immunity test - test level: 8 kV (air discharge)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.331 in (11.000 cm)
Package 1 Width	9.843 in (25.000 cm)
Package 1 Length	14.567 in (37.000 cm)
Package 1 Weight	3.433 lb(US) (1.557 kg)

Unit Type of Package 2	S04
Number of Units in Package 2	5
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	19.152 lb(US) (8.687 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint	1 108 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	225 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	882 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

F-gas usage performance	K izolaci a zhašení je využíváno pouze vzduchové a vakuové médium; bez obsahu F-plynů včetně SF6.
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	Fb517918-35ee-4cc6-8104-c869784aec43
PVC free	No
Silicon free	No

Use Longer

Lifetime extension

Repair	No
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Use Again

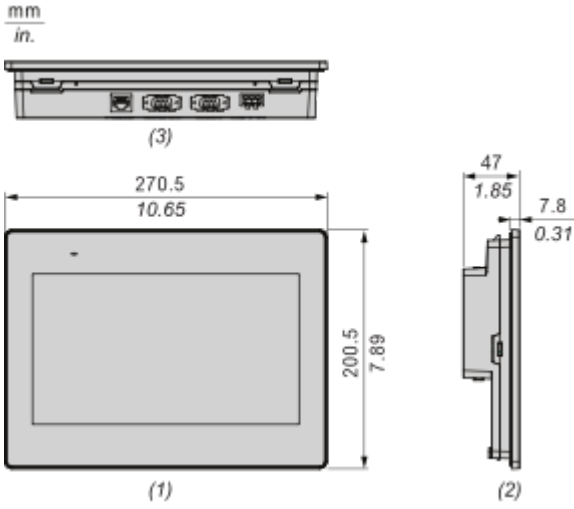
Repack and remanufacture

Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

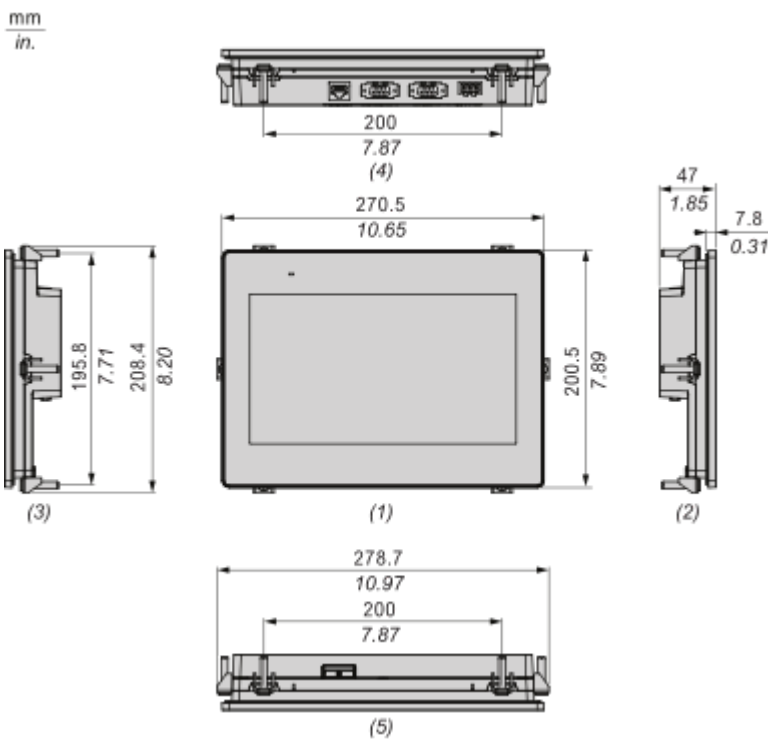
Dimensions

External Dimensions



- (1): Front
- (2): Left
- (3): Bottom

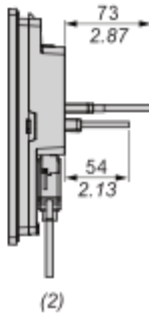
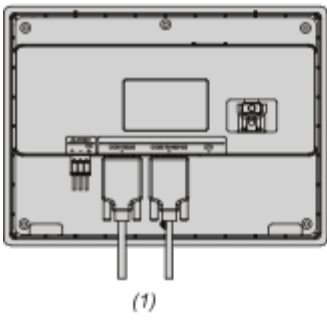
Dimensions with Installation Fasteners



- (1): Front
- (2): Left
- (3): Right
- (4): Bottom
- (5): Top

Dimensions with Cables

mm
in.

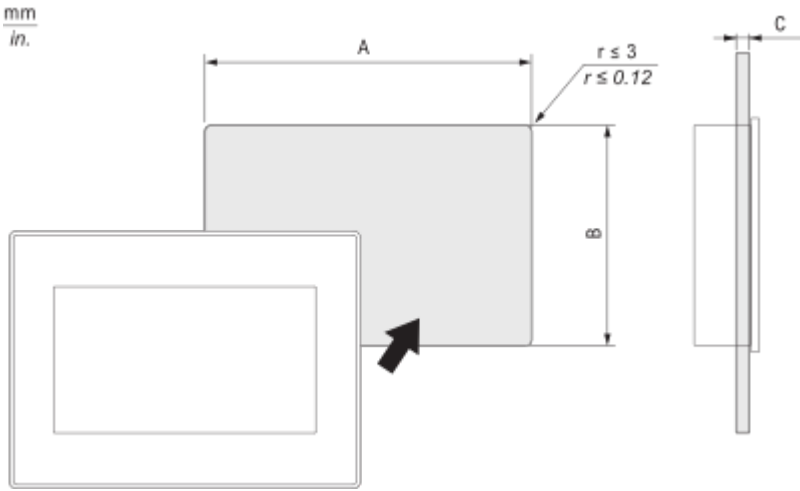


- (1): Back
- (2): Left

Mounting and Clearance

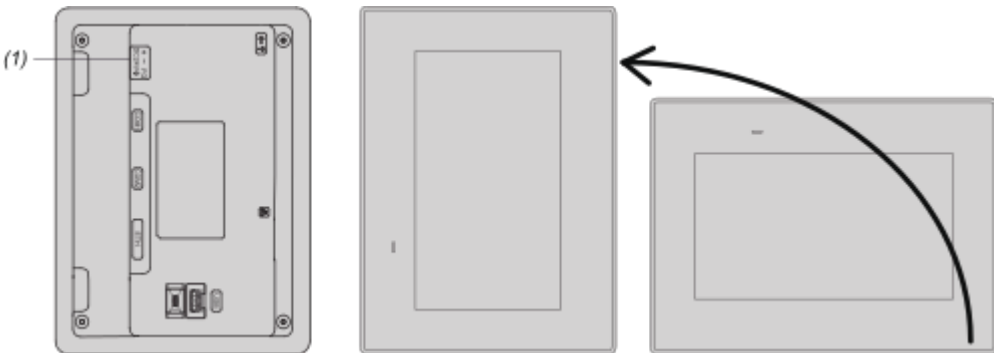
Mounting

Panel Cut Dimension



A		B		C	
mm	in.	mm	in.	mm	in.
255 (+1, -0)	10.04 (+0.04, -0)	185 (+1, -0)	7.28 (+0.04, -0)	1.6...5	0.06...0.2

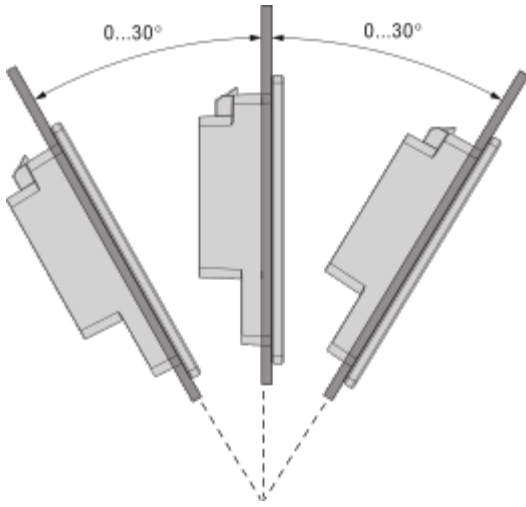
Mounting Orientation



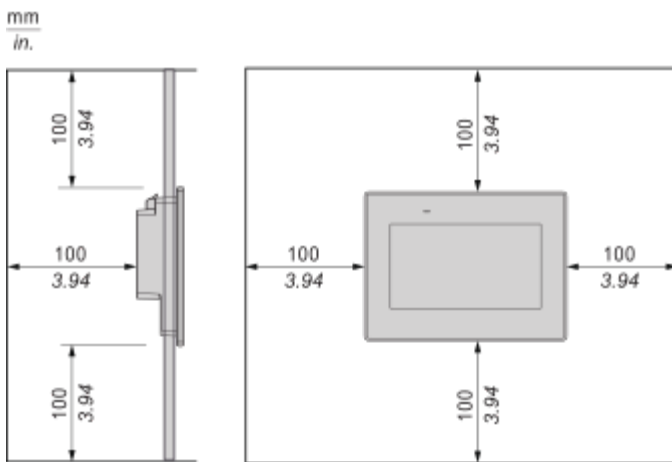
(1): Power connector

Note: For portrait orientation mounting, make sure the screen editing software supports the function.

Mounting Angle



Clearance



Technical Illustration

Dimensions

mm
in.

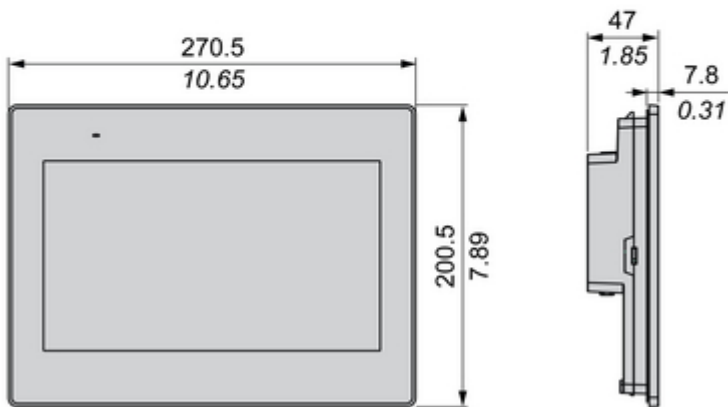


Image of product / Alternate images

Alternative



Image of product in real life situation

