Product datasheet

Specification





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

HMIET6600

Main

Range Of Product	Easy Harmony ET6	
Product Or Component Type	Touch panel screen	
Software Designation	Vijeo Designer Basic	
Operating System	VxWorks	
Processor Name	ARM Cortex-A8	

Complementary

Complementary				
Display Size	12 inch			
Display Type	Colour TFT LCD			
Display Colour	16 million colours			
Display Resolution	1280 x 800 pixels WXGA			
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 for operating Status LED orange, steady for software starting up Status LED red, steady for power supply (ON) Status LED, off for power supply (OFF)			
Power Consumption In W	14 W			
Number Of Pages	200 application pages			
Processor Frequency	800 MHz			
Port Ethernet	10/100BASE			
Memory Description	Device memory 256 MB User data memory 256 MB Backup memory 128 kB			
Integrated Connection Type	egrated Connection Type 1 COM1 serial link - 1 SUB-D 9-pin male - RS232C (rate: 2400115200 bps)b 1 COM2 serial link - 1 SUB-D 9-pin male - RS422/RS485 (rate: 2400115200 bps)bottom COM2 serial link (rate: 2400187500 bps)bottom 1 Ethernetbottom 1 USB 2.0 type Aback 1 USB 2.0 type micro Bback			

Supply	External supply			
Realtime Clock	Built-in 050 °C Built-in 1090 % RH			
Downloadable Protocols	Modbus Uni-TE Third party protocols			
Product Brand	Schneider Electric			
Fixing Mode	By 4 screws, mounting on 1.65 mm thick panel			
Cut-Out Dimensions	295 x 217 mm panel cut dimension			
Height	233 mm			
Width	311 mm			
Depth	50 mm			
Net Weight	1.62 kg			

Environment

Immunity To Microbreaks 5 ms					
Enclosure Material	PC				
Front Material	Plastic				
Standards	EN 61000-6-4 EN 61000-6-2 EN 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	050 °C				
Ambient Air Temperature For Storage	-2060 °C				
Relative Humidity	1090 % non-condensing				
Operating Altitude	2000 m				
Ip Degree Of Protection	IP20 (rear panel) conforming to IEC 61131-2 IP65 (front panel) conforming to IEC 61131-2				
Shock Resistance	147 m/s² for 11 ms (X, Y, Z directions for 3 times) conforming to EN/IEC 61131-2				
Vibration Resistance	+/- 3.5 mm (f = 59 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2 9.8 m/s² (f = 9150 Hz)				
Electrical fast transient/burst immunity test - test level: 2 kV (power ports) co 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) co to EN/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	8.2 cm

Package 1 Width	18.5 cm
Package 1 Length	28.5 cm
Package 1 Weight	2.21 kg
Unit Type Of Package 2	CAR
Number Of Units In Package 2	4
Package 2 Height	34.5 cm
Package 2 Width	41.5 cm
Package 2 Length	54.5 cm
Package 2 Weight	9.78 kg

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

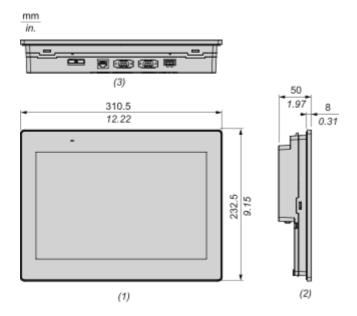
Reach Regulation	REACh Declaration			
Eu Rohs Directive	Compliant with Exemptions			
China Rohs Regulation	China RoHS declaration			
Environmental Disclosure	Product Environmental Profile			
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins			
Circularity Profile	End of Life Information			

May 27, 2024

Dimensions Drawings

Dimensions

External Dimensions



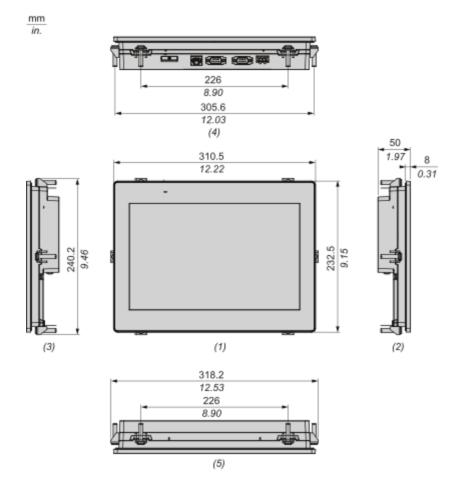
(1): Front (2): Left

(3): Bottom

Dimensions with Installation Fasteners

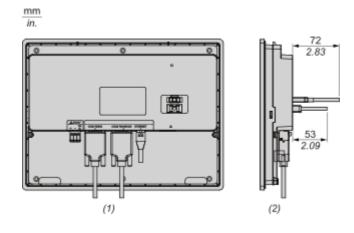
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- (1): Front
- (2): Left
- (3): Right
- (4): Bottom
- **(5)**: Top

Dimensions with Cables



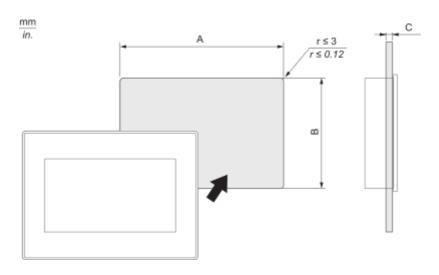
- (1): Back
- (2): Left

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Mounting and Clearance

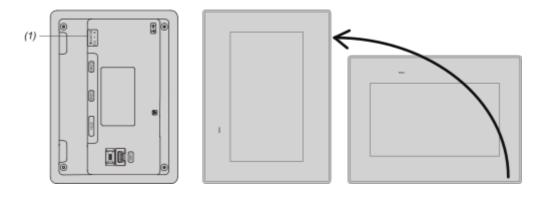
Mounting

Panel Cut Dimension



Α		В		С	
mm	in.	mm	in.	mm	in.
295 (+1, -0)	11.61 (+0.04, -0)	217 (+1, -0)	8.54 (+0.04, -0)	1.65	0.060.2

Mounting Orientation

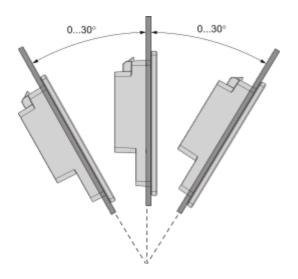


(1): Power connector

 $\textbf{Note:} \ \ \text{For portrait orientation mounting, make sure the screen editing software supports the function.}$

Mounting Angle

HMIET6600



Clearance

