

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

HMIET6400

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	7 inch			
Display type	Colour TFT LCD			
Display colour	16 million colours			
Display resolution	800 x 480 pixels WVGA			
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	9 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	1 COM1 serial link - 1 SUB-D 9-pin male - RS232C (rate: 2400115200 bps)bottom			
	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			
	VI			

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	190 x 135 mm panel cut dimension			
Height	151 mm			
Width	206 mm			
Depth	45 mm			
Net weight	0.61 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)			
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 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	8.500 cm

Package 1 Width	19.000 cm	
Package 1 Length	28.200 cm	
Package 1 Weight	879.000 g	
Unit Type of Package 2	S03	
Number of Units in Package 2	6	
Package 2 Height	30.000 cm	
Package 2 Width	30.000 cm	
Package 2 Length	40.000 cm	
Package 2 Weight	6.120 kg	



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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	922
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Packaging	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	Fb517918-35ee-4cc6-8104-c869784aec43
REACh Regulation	REACh Declaration

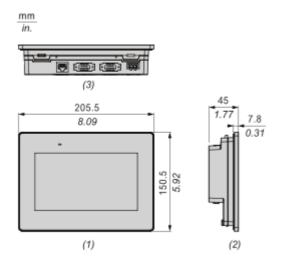
Use Again

○ Repack and remanufacture				
Circularity Profile	End of Life Information			
Take-back	No			

Dimensions Drawings

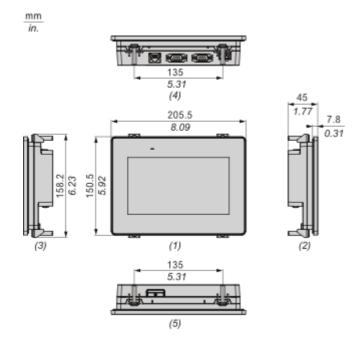
Dimensions

External Dimensions



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

Dimensions with Installation Fasteners

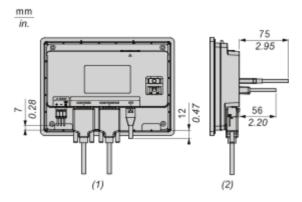


- (1): Front
- (2): Left
- (3): Right
- (4): Bottom
- (5): Top

Dimensions with Cables

Product datasheet

HMIET6400



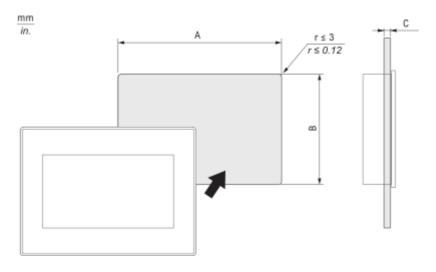
(1): Back (2): Left

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Mounting and Clearance

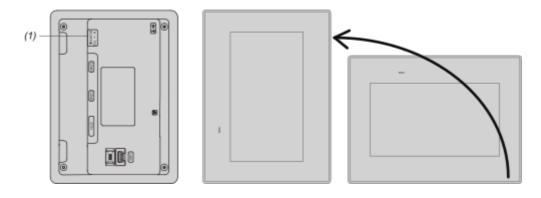
Mounting

Panel Cut Dimension



A		В		С	
mm	in.	mm	in.	mm	in.
190 (+1, -0)	7.48 (+0.04, -0)	135 (+1, -0)	5.31 (+0.04, -0)	1.65	0.060.2

Mounting Orientation

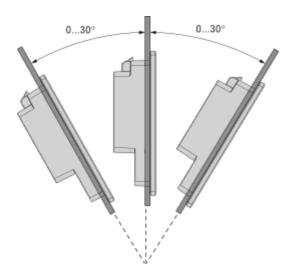


(1): Power connector

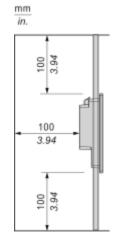
 $\textbf{Note:} \ \ \text{For portrait orientation mounting, make sure the screen editing software supports the function.}$

Mounting Angle

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Clearance



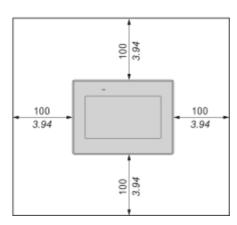


Image of product / Alternate images

Alternative

