Specifications





flat screen, Harmony GTU, 12.1inch wide display, smart WLAN

HMIDT643

Product availability: Stock - Normally stocked in distribution facility

Price*: 3,472.04 USD

Main

Range of Product	Harmony GTU
Product or Component Type	Flat screen
Terminal type	Touchscreen display
[Us] rated supply voltage	1224 V DC power supply
Supply voltage limits	10.828.8 V
Power Consumption in W	23 W
Inrush current	30 A

Complementary

Integrated connection type	USB 2.0 type A USB 2.0 type mini B	
Communication port protocol	WLAN 2.4 GHz	
Bandwidth	20 MHz	
Operating Mode	Infrastructure	
Transmission rate	<= 11 Mbit/s IEEE 802.11b <= 54 Mbit/s IEEE 802.11g <= 72.2 Mbit/s IEEE 802.11n	
Maximum sensing distance	98.4 ft (30 m) depending on surrounding environment	
Touchscreen resolution	1024 x 1024	
display size	12.1 inch	
Aspect ratio	4:3	
Display type	Colour TFT LCD	
display resolution	1024 x 768 pixels XGA	
Display colour	16 million colours	
Backlight lifespan	50000 hours	
Touch panel	Multi touch analogue resistive	
Method of access	Client mode 111, North America Client mode 113, Japan Client mode 113, Europe Client mode 113, Korea Client mode 113, China Client mode 111, Taiwan Access point mode 111	

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

encryption protocol	WEP 128 AES (Advanced Encryption Standard) TKIP
Type of License	10 clients
Function Available	Brightness sensor
Type of cooling	Natural convection
Type of Installation	Indoor installation
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Width	12.4 in (315 mm)
Height	9.5 in (241 mm)
Depth	2.6 in (67 mm)
Net Weight	6.6 lb(US) (3 kg)

Environment

IP degree of protection	Front panel IP66	
-	Front panel IP67	
NEMA degree of protection	NEMA 4X front panel	
Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142 IEC 61132-2	
Product certifications	CE CULus KC RCM UKCA UKEX	
Ambient air temperature for operation	32140 °F (060 °C) IEC 61131-2	
Ambient air temperature for storage	-4140 °F (-2060 °C)	
Relative Humidity	1090 % non-condensing	
Operating altitude	6561.68 ft (2000 m)	
Vibration resistance	3.5 mm constant amplitude 5…9 Hz) IEC 61131-2 9.8 m/s² 9…150 Hz) IEC 61131-2	
Shock resistance	147 m/s²IEC 61131-2	
Electromagnetic compatibility	Electrostatic discharge immunity test level 3 conforming to IEC 61000-4-2	

Ordering and shipping details

Category	US10MC222567
Discount Schedule	0MC2
GTIN	3606480687235
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.3 in (18.6 cm)

Package 1 Width	13.0 in (33 cm)
Package 1 Length	16.9 in (43 cm)
Package 1 Weight	10.6 lb(US) (4.8 kg)
Unit Type of Package 2	CAR
Number of Units in Package 2	2
Package 2 Height	15.7 in (40 cm)
Package 2 Width	13.4 in (34 cm)
Package 2 Length	17.3 in (44 cm)
Package 2 Weight	21.6 lb(US) (9.8 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	8
Package 3 Height	35.8 in (90.9 cm)
Package 3 Width	23.6 in (60 cm)
Package 3 Length	31.5 in (80 cm)
Package 3 Weight	57.3 lb(US) (26 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen 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.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



Rohs Exemption Information

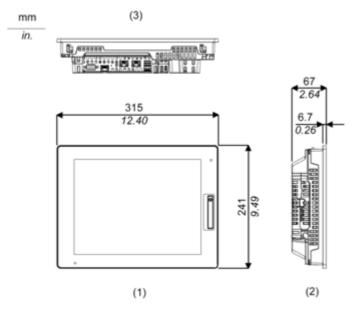
Certifications & Standards

Reach Regulation	REACh Declaration		
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)		
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.		
Weee Circularity Profile			

Dimensions Drawings

External Dimensions

Display Unit with Box Module

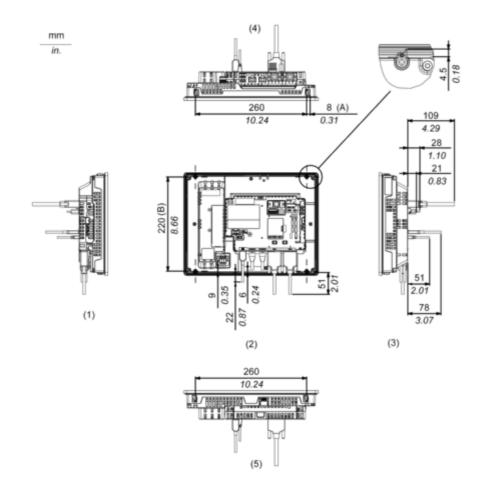




2 Left

Installation with Installation Fasteners and Dimensions with Cables

³ Bottom



(A) Rotation area of the fastener

(B) Pitch of the center of installation fastner screws

1 Right

2 Front

3 Left

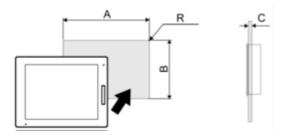
4 Bottom

5 Top

Mounting and Clearance

Mounting

Panel Cut Dimensions



Dimensions in mm

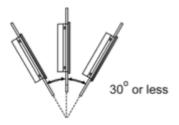
А	В	С	R
301.5 (+1/-0)	227.5 (+1/-0)	1.65	3 max.

Dimensions in in.

А	В	С	R
11.87 (+0.04/-0)	8.96 (+0.04/-0)	0.060.2	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

