

Product data sheet

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	12...24 V DC power supply
Supply voltage limits	10.8...28.8 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 1...11, North America Client mode 1...13, Japan Client mode 1...13, Europe Client mode 1...13, Korea Client mode 1...13, China Client mode 1...11, Taiwan Access point mode 1...11
Encryption Protocol	WEP 128 AES (Advanced Encryption Standard) TKIP

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

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

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	32...140 °F (0...60 °C) IEC 61131-2
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Relative Humidity	10...90 % 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	7.32 in (18.6 cm)
Package 1 Width	12.99 in (33 cm)
Package 1 Length	16.93 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	15.75 in (40 cm)
Package 2 Width	13.39 in (34 cm)
Package 2 Length	17.32 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	35.79 in (90.9 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	57.3 lb(US) (26 kg)

Contractual warranty

Warranty	18 months
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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.

How this information helps you >

Environmental footprint

Carbon footprint (kg CO2 eq,
Total Life cycle)

1129

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled
cardboard

Yes

Packaging without single use
plastic

No

EU RoHS Directive

Pro-active compliance
(Product out of EU RoHS legal
scope)

SCIP Number

F7bde1f0-
e6bc-4b91-91d2-88584de513eb

REACH Regulation

[REACH Declaration](#)

China RoHS Regulation

[China RoHS declaration](#)

California proposition 65

WARNING: This product can
expose you to chemicals
including: Lead and lead
compounds, which is known
to the State of California to
cause cancer and birth
defects or other reproductive
harm. For more information
go to
www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture

Circularity Profile

[End of Life Information](#)

WEEE



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

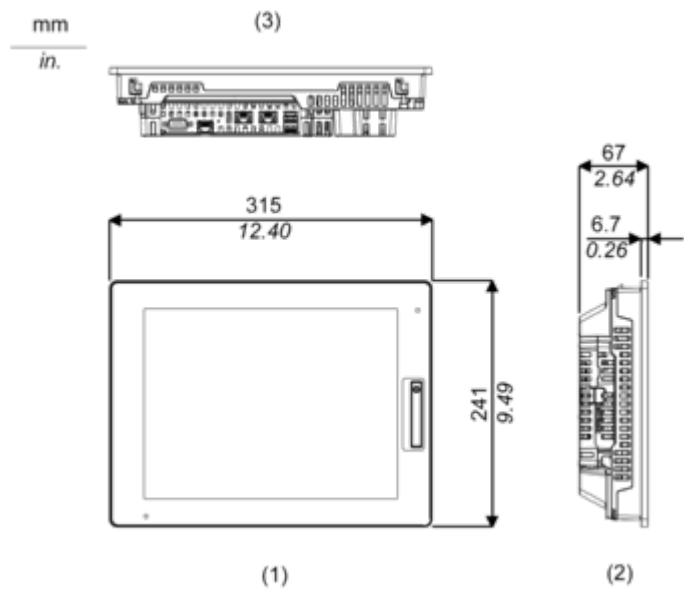
Take-back

No

Dimensions Drawings

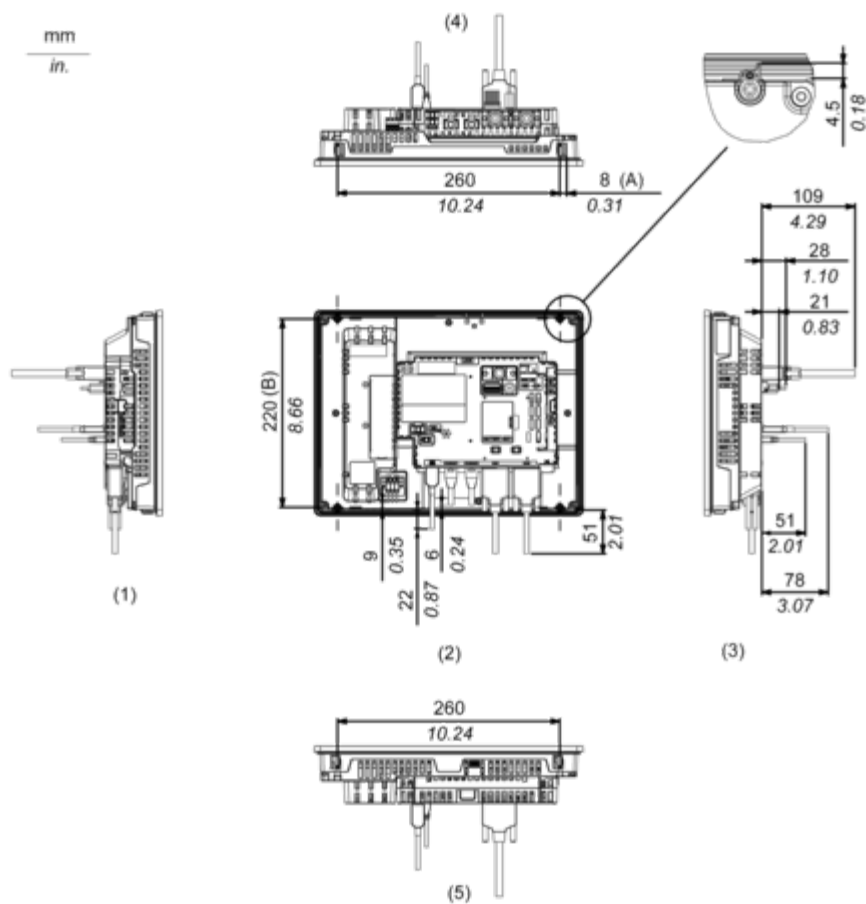
External Dimensions

Display Unit with Box Module



- 1 Front
- 2 Left
- 3 Bottom

Installation with Installation Fasteners and Dimensions with Cables

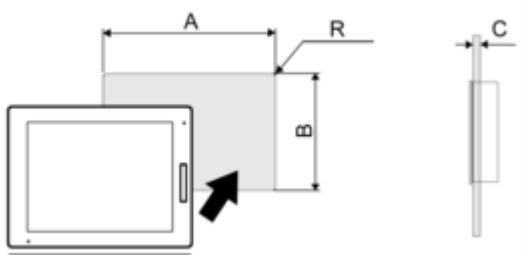


- (A) Rotation area of the fastener
(B) Pitch of the center of installation fastner screws
1 Right
2 Front
3 Left
4 Bottom
5 Top

Mounting and Clearance

Mounting

Panel Cut Dimensions



Dimensions in mm

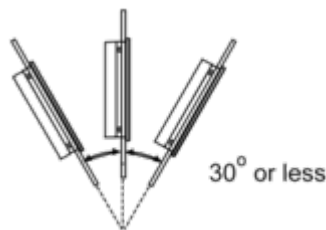
A	B	C	R
301.5 (+1/-0)	227.5 (+1/-0)	1.6...5	3 max.

Dimensions in in.

A	B	C	R
11.87 (+0.04/-0)	8.96 (+0.04/-0)	0.06...0.2	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

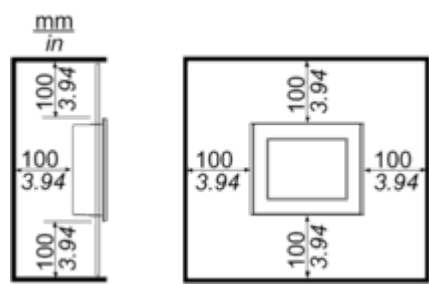


Image of product / Alternate images

Alternative

