

Product datasheet

Specifications



Flat screen. Harmony Modular iPC. Display PC 4:3 15" single touch for HMIBM

HMIDM7421

Price: 23,562.46 ZAR

Main

Range Of Product	Harmony iPC
Product Or Component Type	Flat screen
Terminal Type	Touchscreen display
Device Mounting	Flush
Product Compatibility	Modular Box PC

Complementary

View Angle Horizontal X Vertical	140 x 115°
Contrast Ratio	500:1
Pixel Resolution	2048 x 2048
Touchscreen Resolution	2048 x 2048
Display Resolution	1024 x 768 pixels XGA
Display Size	15 inch
Aspect Ratio	4:3
Display Type	LED Colour TFT LCD
Display Colour	16777216 colors
Luminance	300 cd/m²
Backlight Lifespan	50000 hours at 25 °C
Touch Panel	Single touch analogue resistive
Integrated Connection Type	USB 2.0 type A
Function Available	Operate with water on screen
[Us] Rated Supply Voltage	24 V DC power supply 100...240 V AC power supply
Supply Voltage Limits	18...36 V
Inrush Current	8.9 A
Power Consumption In W	53.04 W (Box PC HMIBMP) 48.04 W (Box PC HMIBMU)
Local Signalling	Status LED
Depth	Enclosure : 28 mm 7 mm
Height	290 mm
Width	390.7 mm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Net Weight	4.2 kg
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Environment

Standards	Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142 UL 6110-2-201 Class I division 2 ANSI/ISA 12-12-01
Product Certifications	EAC ATEX C-Tick IEC-Ex Marine GL Bridge CE
Ip Degree Of Protection	IP66
Nema Degree Of Protection	NEMA 4X
Pollution Degree	2
Ambient Air Temperature For Storage	-30...70 °C
Relative Humidity	10...95 % non-condensing
Ambient Air Temperature For Operation	0...55 °C
Operating Altitude	2000 m
Vibration Resistance	1 gn (f = 5...500 Hz) HDD 2 gn (f = 5...500 Hz) SSD 2 gn (f = 5...500 Hz) Cfast card

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	23.1 cm
Package 1 Width	61.8 cm
Package 1 Length	74.0 cm
Package 1 Weight	7.25 kg

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class 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

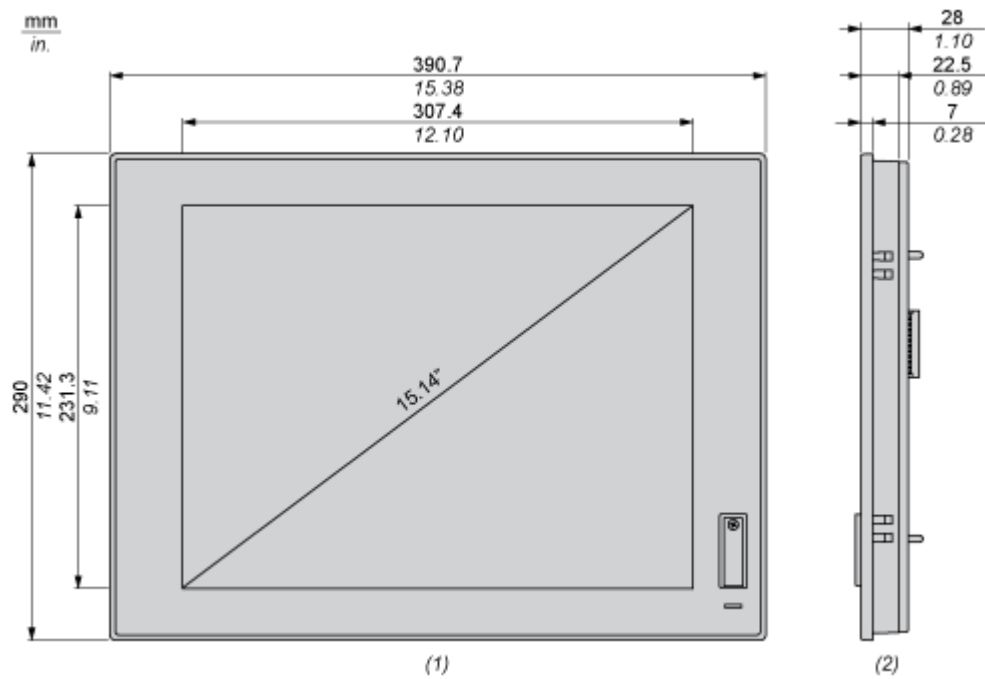
✓	Reach Free Of Svhc	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

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
Circularity Profile	End of Life Information

Dimensions Drawings

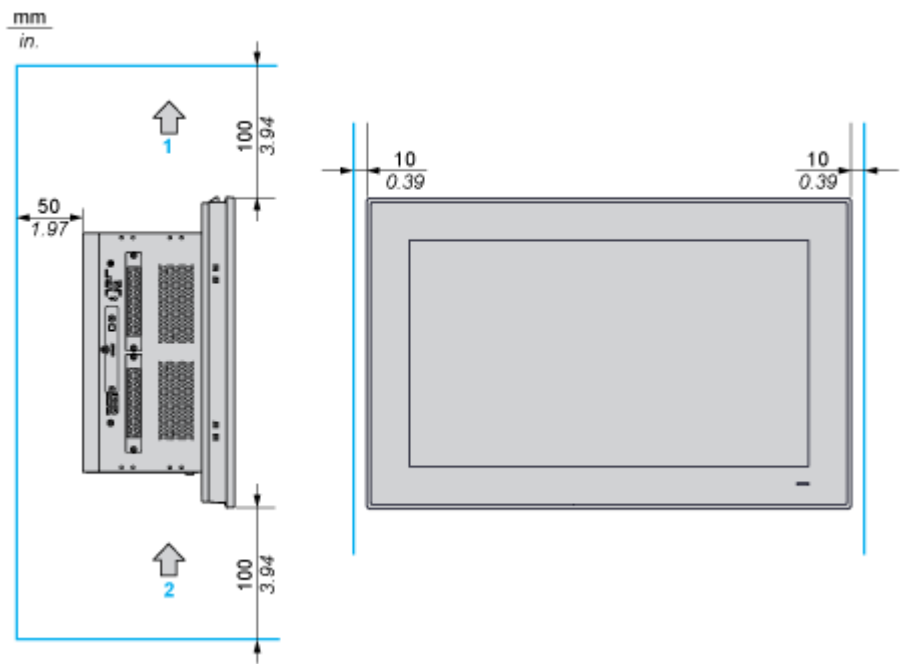
Dimensions



- (1) Front view
- (2) Right view

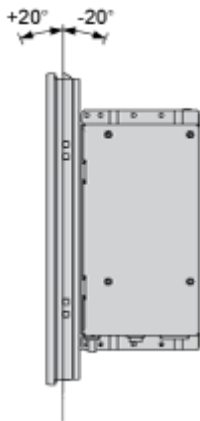
Mounting and Clearance

Spacing Requirements

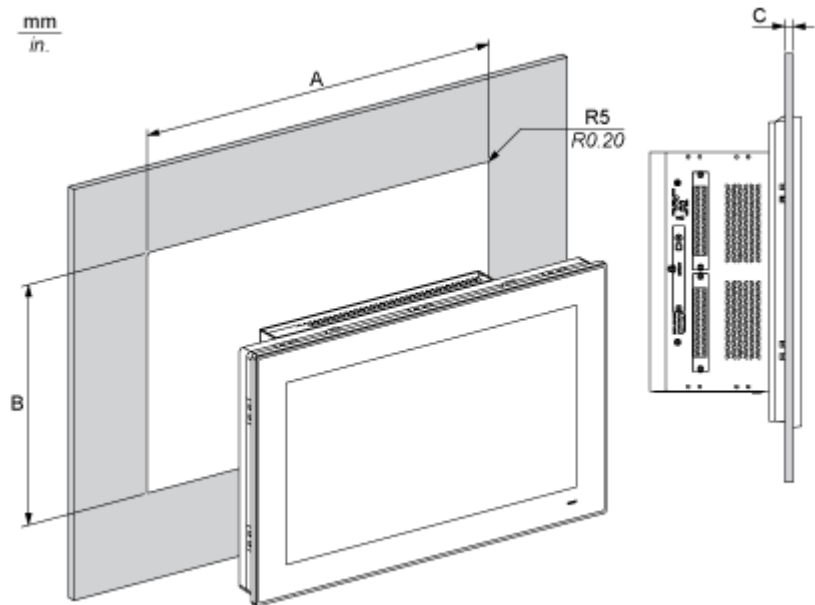


- 1 : Air out
- 2 : Air in

Mounting Orientation



Panel Cut Dimensions



A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
383.5	15.09	282.5	11.12	2...6	0.08...0.23	5	0.20