Product data sheet

Specifications

touch panel screen, Harmony ST6, 12inch wide display, 2Ethernet, USB host and device, 24V DC

HMISTW6600

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony ST6
Product or Component Type	Touch panel screen
Software Designation	Web interface for operator
Processor name	ARM Cortex-A8
Processor frequency	800 MHz
Memory description	512 MB device memory 512 MB backup memory 128 kB user data memory

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
Backlight lifespan	50000 hours white
Brightness	16 levels
Character font	ASCII ASCII (European characters) Katakana
[Us] rated supply voltage	24 V DC +/- 20 %)
Power consumption in W	18.4 W
Inrush current	30 A
Local signalling	Status LED green, steady offline Status LED green, steady operating Status LED green, flashing operating Status LED green, faded stand-by Status LED orange, flashing software starting up Status LED red, steady power supply (ON) Status LED red, flashing operating Status LED red, off power supply (OFF)
Port Ethernet	10/100BASE
Integrated connection type	1 USB 2.0 type Aback 1 Ethernet - female RJ45bottom
Supply	External supply
Realtime clock	Built-in 0...50 °C Built-in 10...90 % RH

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

Fixing mode	By 4 screws 1.6...5 mm thick panel UL 61010-2-201
	By 4 screws IEC 61131-2
	By 4 screws IEC 61000-6-2
Enclosure Material	PC
Front material	Aluminium
Marking	CE
Cut-out dimensions	295 x 217 mm panel cut dimension
Height	9.3 in (235 mm)
Width	12.3 in (313 mm)
Depth	2.0 in (50 mm)
Product Weight	4.0 lb(US) (1.8 kg)

Environment

Immunity to microbreaks	10 ms
Standards	IEC 61000-6-4
	IEC 61000-6-2
	IEC 61131-2
	UL 61010-2-201
	CSA C22.2 No 61010-2-201
Product Certifications	CSA
	CE
	UKCA
Directives	2014/35/EU - low voltage directive
	2014/30/EU - electromagnetic compatibility
Ambient Air Temperature for Operation	32…122 °F (0…50 °C)
Ambient Air Temperature for Storage	-4…140 °F (-20…60 °C)
Relative humidity	10…90 % non-condensing
Operating altitude	6561.68 ft (2000 m)
IP degree of protection	IP20 IEC 61131-2 rear panel)
	IP65 IEC 61131-2 front panel)
NEMA degree of protection	NEMA 4 front panel (indoor use)
	NEMA 13 front panel (in enclosure)
Shock resistance	147 m/s² 11 ms X, Y, Z directions for 3 times)IEC 61131-2
Vibration resistance	+/- 3.5 mm 5…9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) IEC 61131-2
	9.8 m/s² 9…150 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 IEC 61000-4-2 level 3
	Electrostatic discharge immunity test - test level: 8 kV (air discharge)

Ordering and shipping details

Category	US10MC222565
Discount Schedule	0MC2
GTIN	3606489918101
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.10 in (12.95 cm)
Package 1 Width	12.10 in (30.73 cm)
Package 1 Length	15.90 in (40.39 cm)
Package weight(Lbs)	5.09 lb(US) (2.31 kg)
Unit Type of Package 2	CAR
Number of Units in Package 2	4
Package 2 Height	13.39 in (34 cm)
Package 2 Width	16.14 in (41 cm)
Package 2 Length	21.26 in (54 cm)
Package 2 Weight	22.783 lb(US) (10.334 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	16
Package 3 Height	19.09 in (48.5 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	47.24 in (120 cm)
Package 3 Weight	117.586 lb(US) (53.336 kg)

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.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	**1421**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

F-gas usage performance	**Only air and vacuum used for insulation / breaking, no F-gas including SF6**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**20694bec-44d9-42c3-8fdd-3861ce15e3ab**
REACh Regulation	**REACh 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**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**No**
Silicon free	**No**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

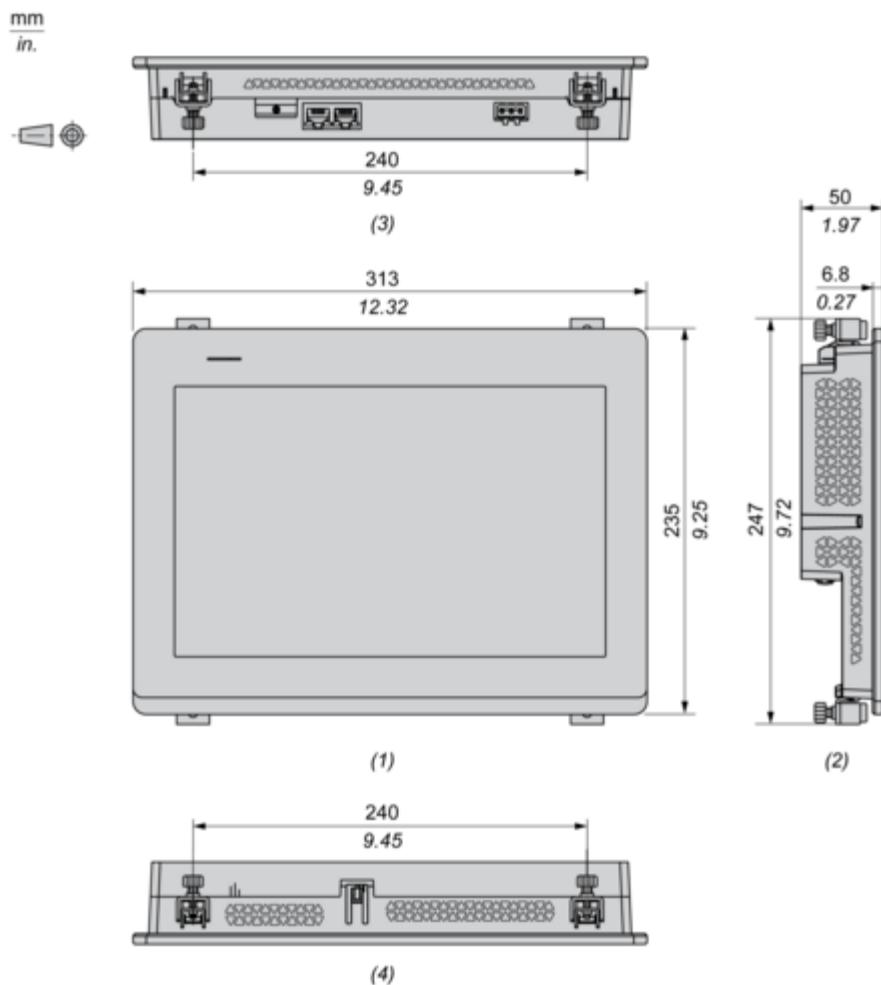Dimensions Drawings

Dimensions

External Dimensions
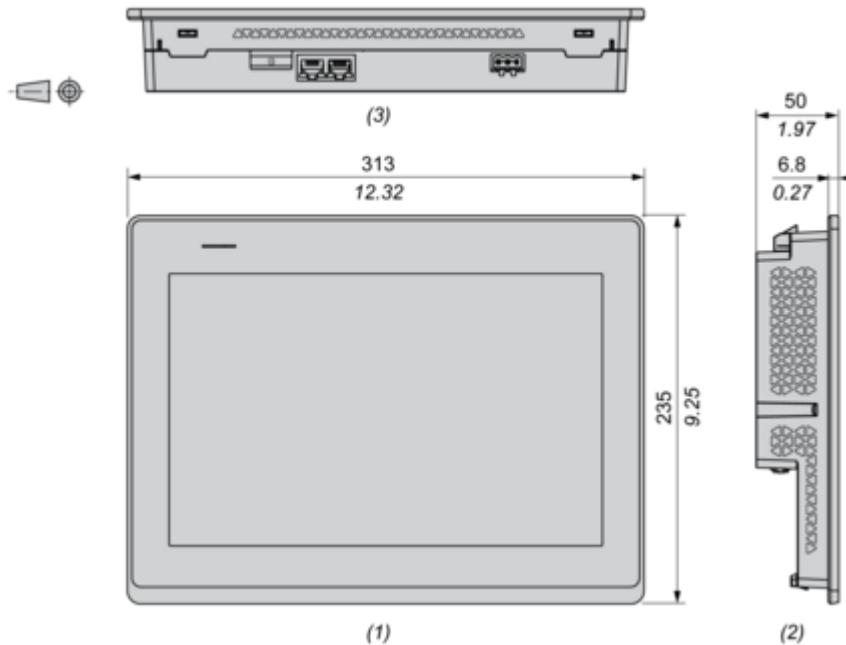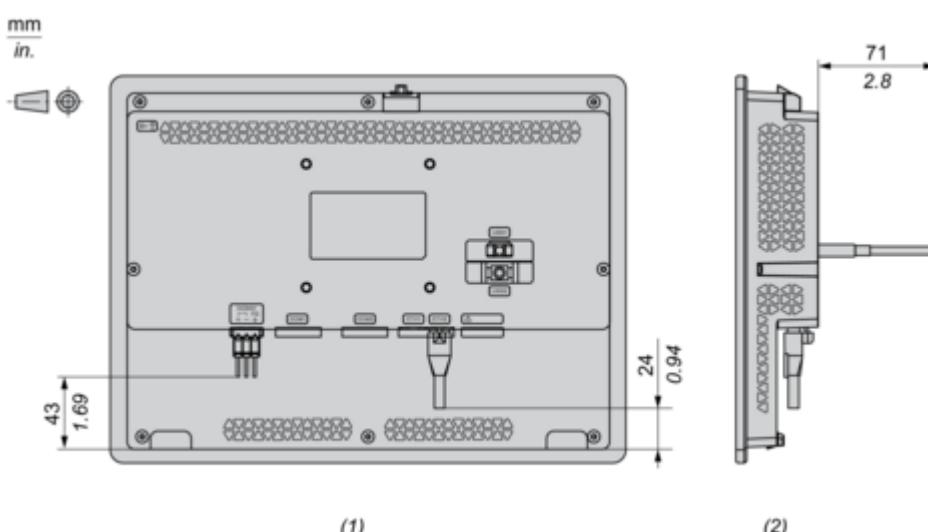

(1) : Front
(2) : Left
(3) : Bottom

Dimensions with Installation Fasteners

(1) : Front
(2) : Left
(3) : Bottom
(4) : Top

Dimensions with Cables

(1) : Rear
(2) : Right

Mounting and Clearance

Mounting

Panel Cut Dimensions
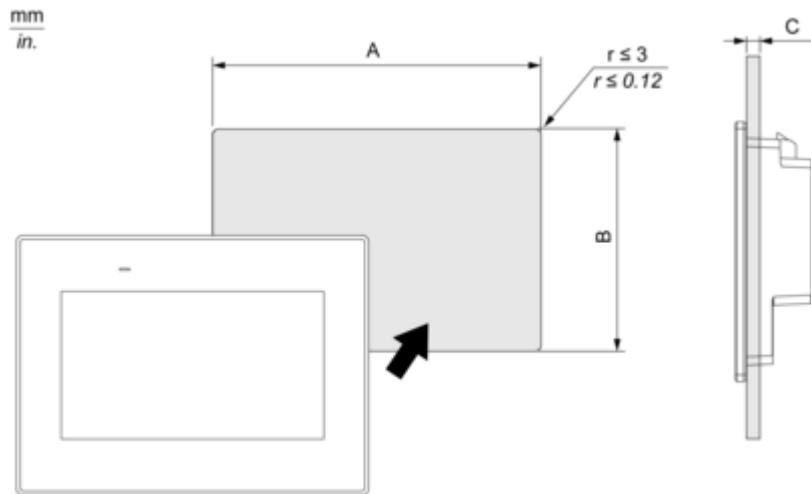
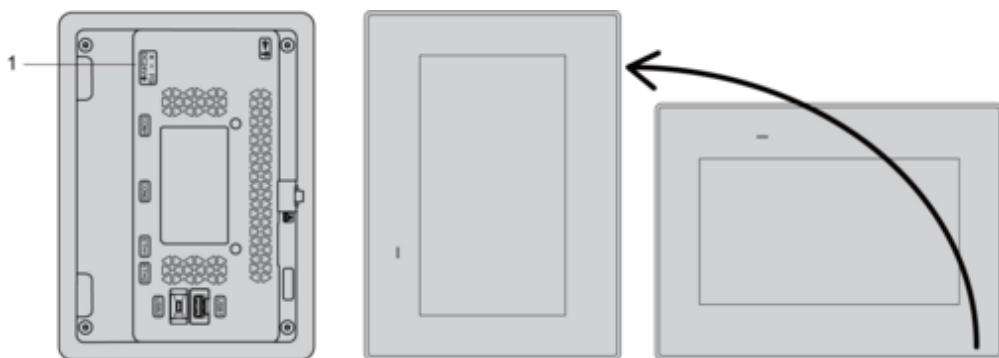| A		B		C	
mm	in.	mm	in.	mm	in.
295 (+1, -0)	11.61 (+0.04, -0)	217 (+1, -0)	8.54 (+0.04, -0)	1.6...5	0.06...0.2

Installation Requirements
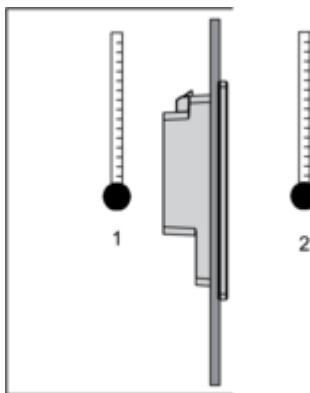
1 : Internal temperature
2 : External temperature
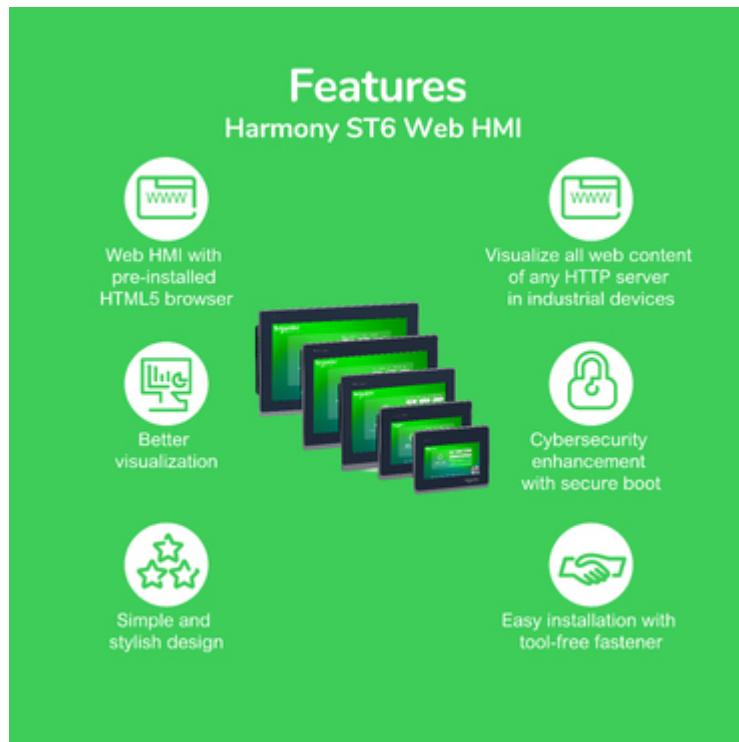

1 : Power connector

Mounting Angle

0...30°   0...30°

Clearance

$$\frac{mm}{in.}$$

100 / 3.94	
100 / 3.94	100 / 3.94
100 / 3.94	

100 / 3.94   100 / 3.94

100 / 3.94
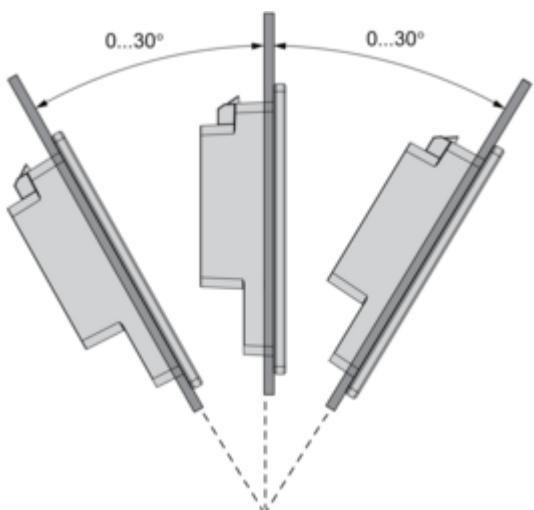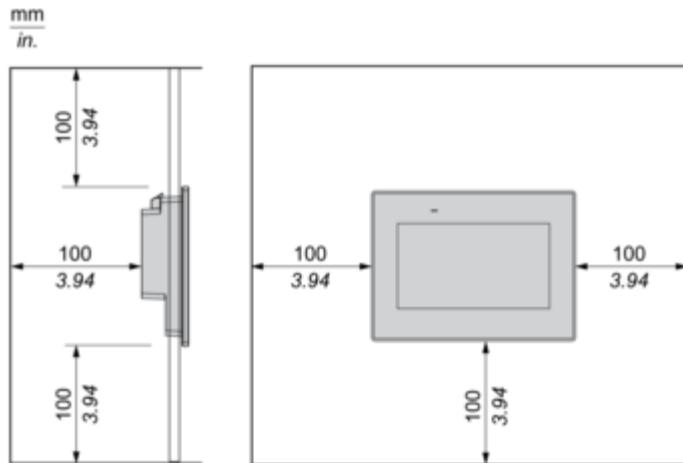
Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

Technical Benefits
Harmony ST6 Web HMI

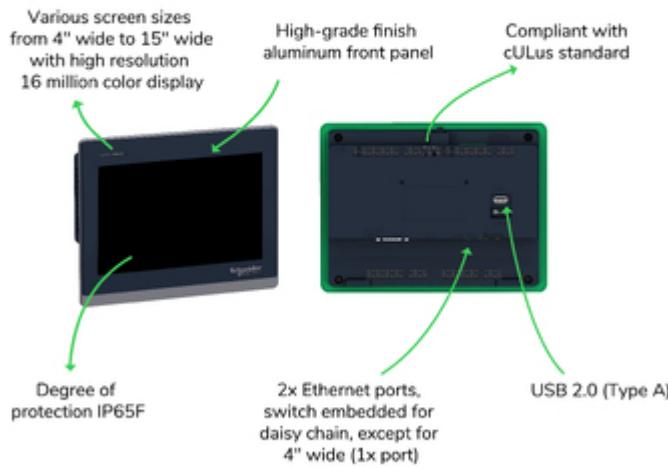Various screen sizes from 4" wide to 15" wide with high resolution 16 million color display

High-grade finish aluminum front panel

Compliant with cULus standard

Degree of protection IP65F

2x Ethernet ports, switch embedded for daisy chain, except for 4" wide (1x port)

USB 2.0 (Type A)

Image of product / Alternate images

Alternative