# Product data sheet Characteristics

## HMIFP6900WCD

22w Industrial FPM, Harmony FP6, Full HD, 16M colors, PCAP Multi Touch (2 points) with optimized noise filter, DVI, USB Type B, 24V DC





#### Main

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Range of product	Harmony FP6	
Product or component type	Touch panel screen	
Operating system	Windows 10 (version 1809)	

#### Complementary

Display size	21.5 inch		
Aspect ratio	16:9		
Display type	LED		
	Colour TFT LCD		
Display resolution	1920 x 1080 pixels full HD		
Display colour	16 million colours		
Touch panel	Multi-touch projected capactive technology (PCT)		
Pixel resolution	1920 x 1080		
Backlight lifespan	50000 hours at 25 °C		
Integrated connection type	DVI-D video port		
	USB type B USB 2.0		
[Us] rated supply voltage	24 V DC		
Power consumption in W	31.8 W		
Inrush current	30 A		
Type of cooling	Natural		
Device mounting	Panel mounting		
	Direct mounting VESA		
Cut-out dimensions	518.5 (+ 1/- 0) x 316.5 (+ 1/- 0) mm		
Width	532.6 mm		
Depth	69.5 mm		
Height	330.6 mm		
Net weight	8.0 kg		

#### Environment

Standards	CE FCC part 15 UL 61010-2-201 CSA C22.2 No 61010-2-201			
Product certifications	RCM[RETURN]KC[RETURN]UKCA[RETURN]DNV (except 22" wide display) [RETURN]ATEX zone 2[RETURN]ATEX zone 22 dust[RETURN]CULus Class 1 Division 2[RETURN]IECEx zone 2 (DC model, front USB cover must be locked with screw)[RETURN]IECEx zone 22 (DC model, front USB cover must be locked with screw)			
IP degree of protection	IP66f IP67f Type 1 Type 4X Type 12 Type 13			
Ambient air temperature for operation	055 °C			
Ambient air temperature for storage	-2060 °C			
Pollution degree	2			
Operating altitude	2000 m			
Vibration resistance	1 gn (f = 59 Hz) - single amplitude - conforming to IEC 61131-2 1 gn (f = 9150 Hz) - fixed amplitude - conforming to IEC 61131-2 1 gn - X, Y, Z directions for 10 cycles (approx. 100 min) - conforming to IEC 61131-2			
Shock resistance	147 m/s <sup>2</sup> conforming to IEC 61131-2 147 m/s <sup>2</sup> 3 shocks in each direction X, Y and Z			
Electromagnetic compatibility	Electrostatic discharge immunity test 6 kV contact discharge conforming to IEC 61000-4-2 level 3 Electrostatic discharge immunity test 8 kV air discharge conforming to IEC 61000-4-2 level 3 Electrical fast transient/burst immunity test 2 kV power ports conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test 1 kV signal ports conforming to IEC 61000-4-4			

### Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	15 cm	
Package 1 Width	55 cm	
Package 1 Length	82 cm	
Package 1 Weight	7.85 kg	

### Offer Sustainability

Sustainable offer status	Green Premium product		
REACh Regulation	REACh Declaration  Pro-active compliance (Product out of EU RoHS legal scope)		
EU RoHS Directive			
Mercury free	Yes		
China RoHS Regulation	China RoHS Declaration		
RoHS exemption information	₫Yes		
Environmental Disclosure	Product Environmental Profile		
Circularity Profile	☑ End Of Life Information		

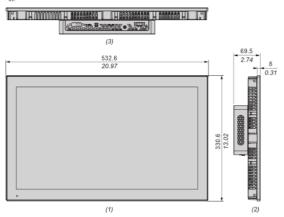
# Product data sheet Dimensions Drawings

# HMIFP6900WCD

#### **Dimensions**

#### **External Dimensions**

mm

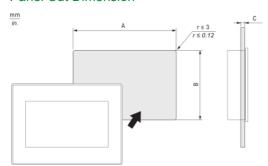


- (1): Front
- (2): Left
- (3): Bottom

# HMIFP6900WCD

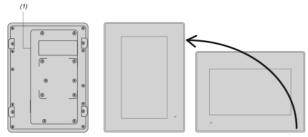
#### Mounting

#### **Panel Cut Dimension**



A		В		С		
	mm	in.	mm	in.	mm	in.
	518.5 (+1, -0)	20.41 (+0.04, -0)	316.5 (+1, -0)	12.46 (+0.04, -0)	1.65	0.060.2

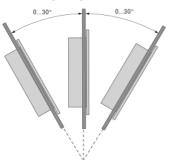
#### **Mounting Orientation**



(1): Power connector

Note: For portrait orientation mounting, make sure the screen editing software supports the function.

#### Mounting Angle



#### Clearance

