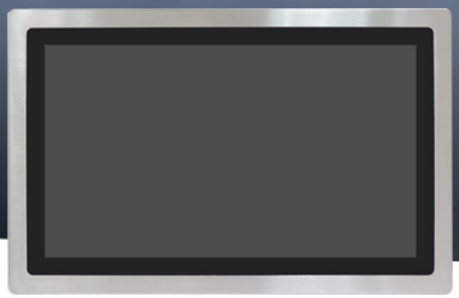
Class I, Division 2 - INDUSTRIAL STAINLESS STEEL DISPLAY



21.5" FHD IP65 21.5" Optical Bonding, Intel Core i5-6300U 2.4GHz, Fanless Panel PC, 16GB DDR4 Memory, 1x 256GB 2.5" MLC SSD, 1x 64GB mSATA MLC SSD, Projected capacitive touch, DC9~36V power input, 316 Stainless Steel Enclosure, Support VESA Mount, WT-20~60C

MODEL: ACHW215-PCAP-C1D2

FEATURES:

- 21.5" TFT-LCD
- Intel Core i5-6300U 2.4GHz
- SUS 316 Stainless Steel
- Total IP66 Grade with M12 Waterproof Connector
- Variety of IO applications
- Wide range DC 9~36V Power Input
- Support Panel Mount & VESA Mount
- Support Projected Capacitive Touch
- Full Flat Bezel and Fanless Design
- ATEX/IECEx Zone2, Zone22 and C1D2/C2D2/C3 Certified
- Windows 10 IoT Enterprise 2021 LTSC Value PKEA
- Accessories: Power Adapter + Power Cable
- Class I, Division2, Group A,B,C,D,T4
- Class II, Division2, Group F,G, T135°C
- Accessories: 1x M12 for 2x USB2.0 Cable, 2x M12 LAN cable, 1x M12 COM Cable, 1x VGA Cable, 1x 3pin power input cable (w/o Adapter)

SPECIFICATION:

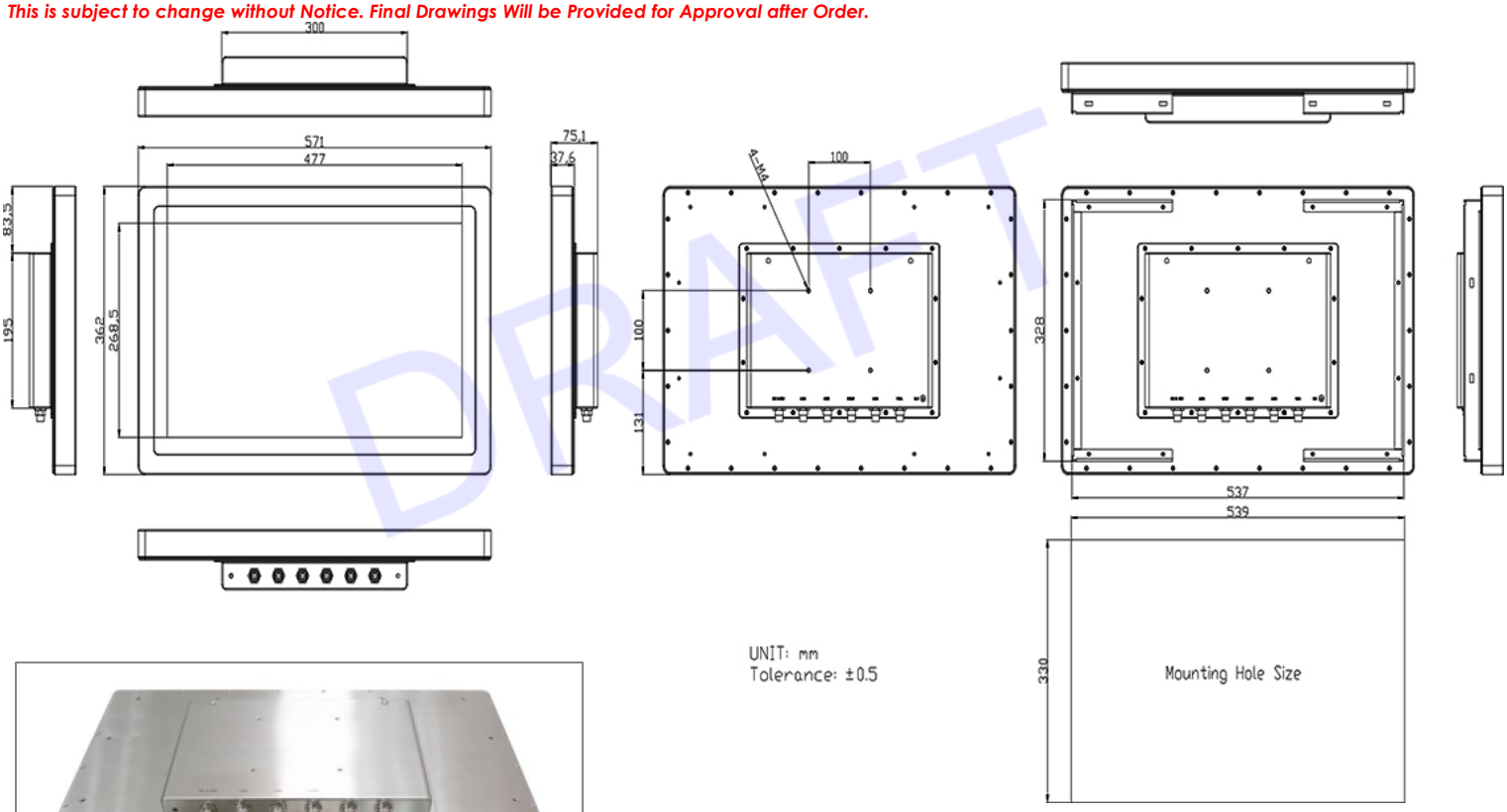
SYSTEM	
CPU	Intel Core i5-6300U 2.4GHz
System Chipset	SoC
Memory	16GB DDR4 2133MHz
USB	1 x M12 8-pin for 2 x USB 2.0 with waterproof cover and chain
Serial / Parallel	1 x M12 8-pin for COM1, RS-232/422/485, default RS-232, with waterproof cover and chain
LAN	2 x M12 8-pin for LAN with waterproof cover and chain
Graph	1 x M12 8-pin for VGA with waterproof cover and chain
Power	1 x M12 3-pin for DC power connector with waterproof cover and chain
STORAGE	
HDD	256GB 2.5" MLC SSD
	1x 64GB mSATA MLC SSD
Movable Device	1 x Internal SD Card
Expansion slot	1 x Mini-PCIe (full size)
DISPLAY	
Display Type	21.5" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.7M
Luminance (cd/m^2)	300
View Angle	178(H) /178(V)
Contrast	3000:1
Backlight Lifetime	50,000 hrs
TOUCH SCREEN	
Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%
POWER	
Power Input	DC 9~36V
Power Consumption	37W
MECHANICAL	
Construction	316 stainless steel chassis
Mounting	VESA mount 100 x 100, Panel mount (option)
IP Rating	Total IP66
Dimensions	571 x 362 x 75.1 mm
Net Weight	12.6 kg

**Specifications subject to change without notice, not responsible for typographical errors.*

Modified: 02-12-2025

DIMENSION:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



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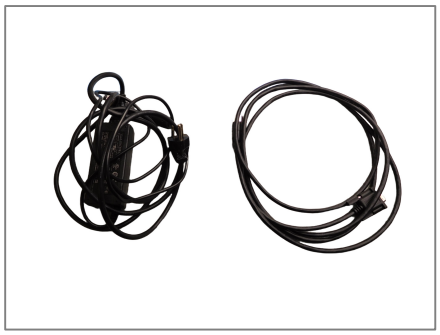
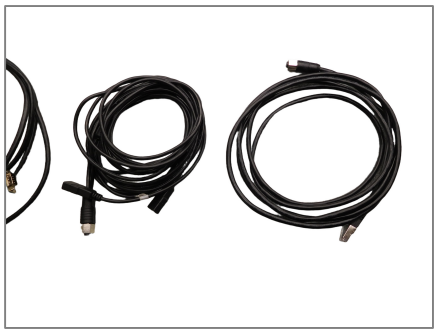
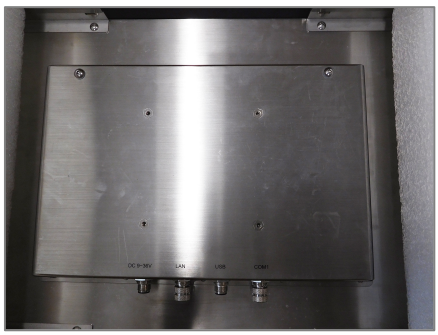
Drawing No.: ACHW215-PCAP-C1D2-02112025-V1

ACTUAL PICTURES:







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