

TM-OC121

12.1" PCAP touch Open-frame mounting Industrial Monitor

Specification

V2.0

Key features:

- 12.1" TFT LCD, LED backlit, Resolution 1024 x 768
- Projective capacitive multi-point (10-points) touch
- Aluminum-magnesium alloy, anodic treatment
- Multi DVI+VGA Signal input
- Industrial temp. -20°C~+70 °C
- Open-frame mounting, support VESA mounting
- Optional No-touch function, with Glass



Brief Introduction

TAICENN TM-OC121 series is an enhanced stability and reliability industrial 12.1-inch Open Frame mounting Touch Monitor product. The design uses a multi-point (10- points) projective capacitive touch screen.

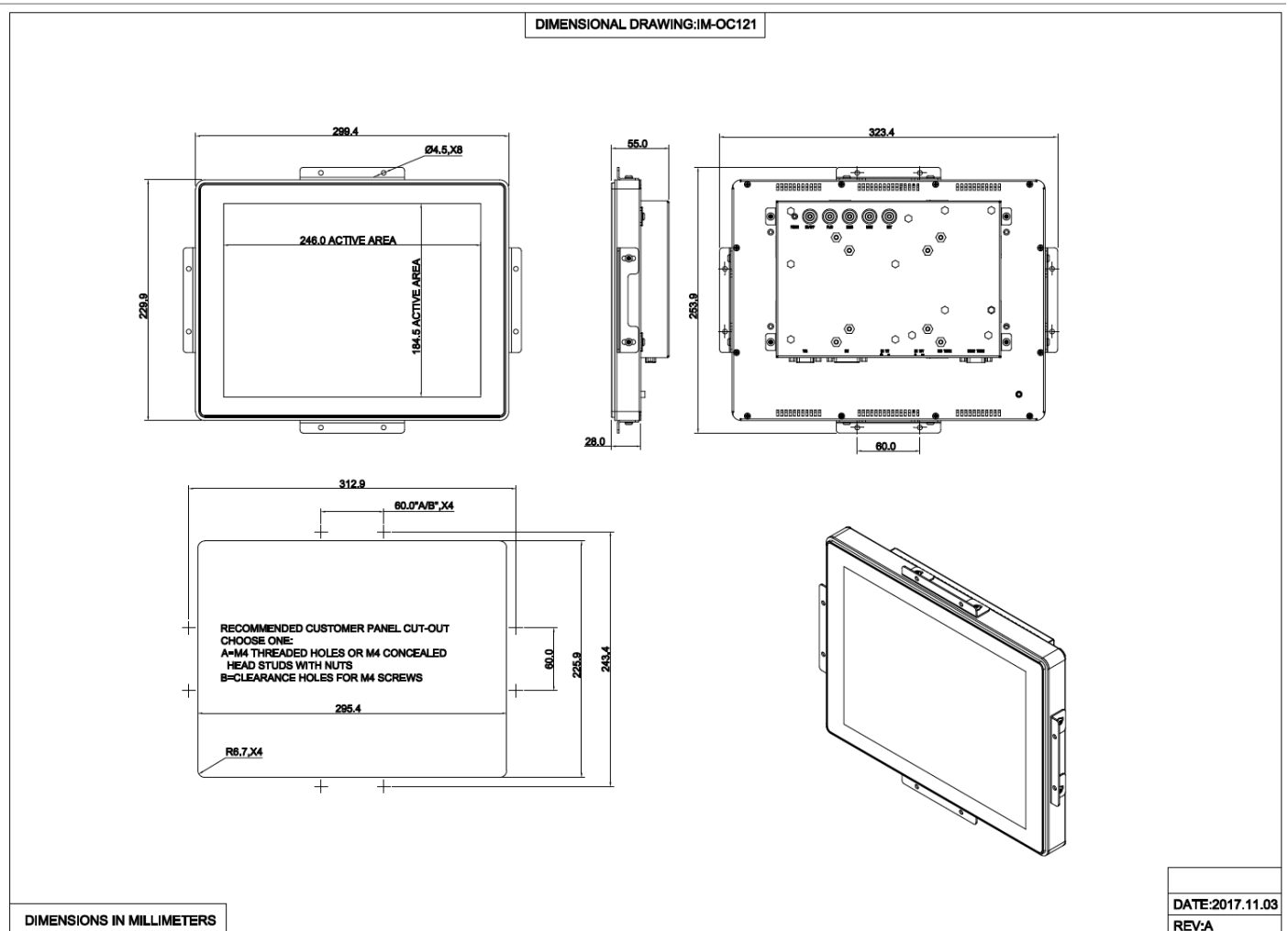
The TM-OC121 uses full-sealed box construction, and its front panel complies NEMA / IP65 waterproof and dust-proof standard, to prevent installation in the control cabinet because of the scene splashing water droplets and water vapor into the host and thus affect equipment operation; high-strength steel box structure, so that it can adapt to the harsh industrial site work environment, the most suitable for commercial automation, industrial automation, vending machine & system, and other industrial applications.

Technical Data

Basic Parameter	
Button	OSD Button in back panel
Overall Dimension	299.4 x 229.9 x 55
Hole Dimension	295.4 x 225.9
Structure	Front Panel: Aluminum-magnesium alloy, anodic treatment Back panel: SGCC
Mounting	Open frame Mounting (Support VESA)
Display port	Support DVI + VGA
Voltage Input	12V (Optional 24V)
Power Consumption	15W
New weight	2.5 KG
LCD	
Size/Type	12.1" TFT LCD
Resolution	1024 * 768
Backlit	WLED
Brightness	350 (cd/m ²)
Backlit MTBF	30 000 hours
Display area	246.0 x 184.5
Contrast ratio	800: 1
Viewing angle	85/85/80/80 (Typ.)
TOUCH	
Type	Projective capacitive (P-cap.)
Interface	USB (Optional RS232)
Transparency	>90±3%
Touch points	10 Points

Durability	>100 000 000 times
Surface hardness	Mohs 6H
Operating force	≤10g
Environmental	
Working temperature	-20°C~+70 °C
Storage temperature	-30°C~+80 °C
Water Proof	IP65 rating in front panel
Relative humidity	10~95%@10°C (No condensation)
Vibration	50~500Hz,1.5G,0.15mm peak to peak
Shock	10G/peak (11ms sec)
Certification	CE/ROHS/FCC

Dimension



Ordering Information

Ordering Part no.	Description
TM-OC121	12.1" TFT LCD 1024*768, P-cap. Touch, 1*DVI, 1*VGA, DC 12V, 40W power adapter
TM-OC121W	12.1" TFT LCD 1024*768/P-cap. Touch, 1*DVI, 1*VGA, DC 24V
TM-OG121	12.1" TFT LCD 1024*768/ Tempered glass (No touch), 1*DVI, 1*VGA, DC 12V, 40W power adapter
TM-OG121W	12.1" TFT LCD 1024*768, Tempered glass (No touch), 1*DVI, 1*VGA, DC 24V

TAICENN Technology

*TAICENN, is a leading global **solution provider** of Embedded Box IPC, Touch panel IPC and industrial monitor, which are designed specifically for systems and applications that require excellent performance, high-level reliability and stability, long supply period and supports.*

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