

# ITM-TMNA0U-10AC-000C

**10.1", 1280x800 WXGA, IP65 NEMA Monitor with Projected Capacitive Touchscreen, VGA and DVI Ports**



## Features and Benefit

- All steel construction designed for harsh and industrial environments
- Robust design with aluminum NEMA 4/ IP65 front panel
- Meets NEMA4 and IP65 standards
- Accuracy in high-use applications
- Stable, drift-free operation
- Optional: Optical bonding, UV resistance and auto dimming
- Supports Panel, Wall, or VESA arm mounting

## Introduction

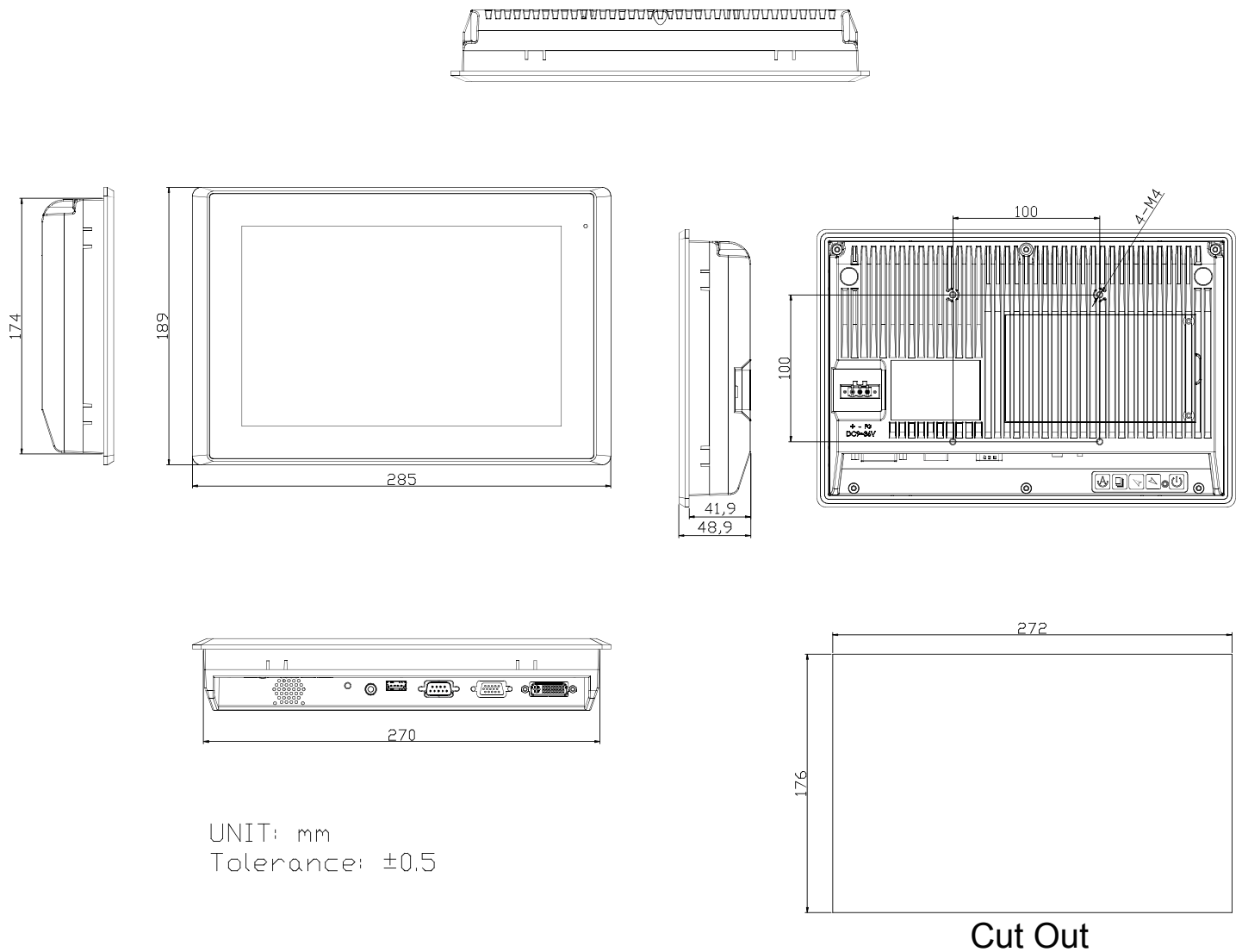
The AIS 10" IP65 NEMA 4 monitor is fully-integrated, off-the-shelf unit (COTS) that combines projected capacitive touch technology in an industrial-grade LCD panel, with a sleek and flat front surface industrial design; providing reliability, durability, and longer life. Impervious to environmental conditions i.e. liquid spills, splashes and wash-downs; these screens are the most contamination-resistant units in the market. These are designed for process control, food processing equipment, machine control, man-machine interface, automation, medical equipment, and in-vehicle applications.

## Specification

Display	
Display	10.1" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Active/Area	(H) x (V) mm
Native (Optimal) Resolution	1280 x 800
General Supported Resolution	SVGA 1280 x 800 (60/66/70/72/75 Hz)
Colors	16.7 M
Brightness (Typical)	LCD Panel: 1000 nits Projected Capacitive Touch: 900 nits
Contrast Ratio	800:1
Viewing Angle (U/D/R/L)	85 / 85 / 85 / 85
On-Screen Display (OSD)	Controls (back): menu, up, down, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall
Input Video Signal Connector	1 x VGA, 1 x DVI

Touch Technology	Projected Capacitive (USB / RS-232 Touch Interface)
Auto Dimming	Optional
UV Resistance	Optional
Optical Bonding	Optional
General	
Power Input	24V DC
Power Consumption (Max)	6.3 W
MTBF	50,000 Hours Demonstrated
Mounting Options	Panel Mount / VESA Mount 100 x 100
Dimensions (W x H x D)	285 x 189 x 49 mm
Environmental Conditions	
Temperature	Operating: -20°C to 60°C (-4°F to 140°F) Storage: -30°C to 70°C (-22°F to 158°F)
Humidity (Non-condensing)	Operating: 20%-80% Storage: 10%-90%
Approvals	
Approvals	CE, FCC (DOC)

Unit: mm



UNIT: mm  
Tolerance:  $\pm 0.5$