

# ITM-TMNA0U-15AC-000C

**15", 1024x768 XGA, 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 15" 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	15" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Active/Area	(H) x (V) mm
Native (Optimal) Resolution	1024 x 768
General Supported Resolution	XGA 1024 x 768 (60/66/70/72/75 Hz)
Colors	262K / 16.2 M
Brightness (Typical)	LCD Panel: 330 nits (High bright option: 1000 nits) Projected Capacitive Touch: 280 nits
Contrast Ratio	700:1
Viewing Angle (U/D/R/L)	60 / 80 / 80 / 80
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)	10.8 W
MTBF	50,000 Hours Demonstrated
Mounting Options	Panel Mount / VESA Mount 100 x 100
Dimensions (W x H x D)	410 x 310 x 54.7 mm
Environmental Conditions	
Temperature	Operating: 0°C to 50°C (-4°F to 140°F) Storage: -20°C to 60°C (-22°F to 158°F)
Humidity (Non-condensing)	Operating: 10 to 90% @40°C Non-condensing, without touch screen
Approvals	
Approvals	CE, FCC (DOC)

Unit: mm

