

# TD-45-12

## 12.1" Industrial Display



### Key Highlights

- 12.1" LCD with 800×600 or 1024×768 Resolution
- Rugged Die Cast Aluminum Enclosure
- Full Flat Front Panel
- Resistive or Projected Capacitive Touchscreen
- Wide Range DC 9~36V Power Input
- IP66 Compliant Front Panel

[VIEW ONLINE](#)

The TD-45-12 is a cost effective, versatile display with a die-cast aluminum enclosure, ideal for industrial environments. The same model is available in screen sizes from 7" to 21.5" and with either a resistive touchscreen or a projective capacitive touchscreen. The TD-45-12 includes VGA, DVI, HDMI, and DisplayPort video inputs. [This industrial touchscreen monitor](#) can be mounted to an arm, stand, hung on a surface, or panel mounted. When panel mounted, the front bezel is IP66 rated to protect from liquids and dust. The TD-45-12 provides a graphical user interface where the operator may perform tasks such as: operate a machine, view sensor data, or interact with ERP software.

#### USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

#### EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

#### ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw

## Technical Specifications

### Display

Screen Size	12.1"
Screen Ratio	4:03
Brightness	450 nits, Optional 1000 nit High Brightness

### Power

Input Voltage Range	9-32V DC
Max Power Consumption	7.9W (Resistive), 14.8W (P-Cap)
Standard Power Adapter	Optional 12V AC/DC Adapter

### Enclosure

Material	Aluminum
IP Rating	IP66 Front Bezel
Color	Silver
Mounting Options	Panel Mount, VESA 100 Mount

### Certification

Certifications	CE, FCC Class A
----------------	-----------------

### Warranty

Warranty	Up to 5 Years
----------	---------------

**Specifications subject to change.**

### Touch Screen

Touch Screen	Projected Capacitive, Resistive
--------------	---------------------------------

### External I/O Ports

Audio Ports	1x Optional Line in by RCA Jack
Power Input Port	3-Pin DC-In (Phoenix Type)

### Multimedia

Speakers	Optional Speaker
----------	------------------

### Thermal & Environmental

Operating Temperature	-20°C - 60°C (-4°F - 140°F)
Storage Temperature	-30°C - 70°C (-22°F - 158°F)
Cooling Solution	Passive - Fanless
Storage Humidity	10% - 90% Non-condensing

### Weight / Dimensions

Weight	2.7 kg (6.0 lbs)
Dimensions	319 x 245 x 51.6 mm (12.6 x 9.6 x 2.0 in)

### USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

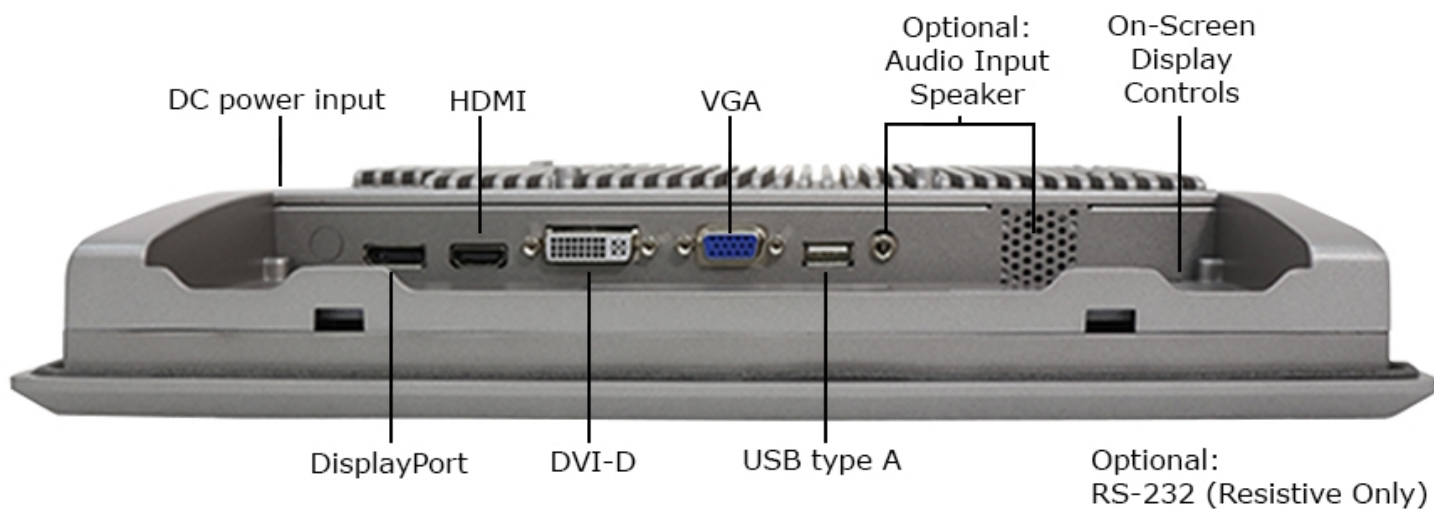
### EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

### ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw

## I/O Diagram Images



### USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

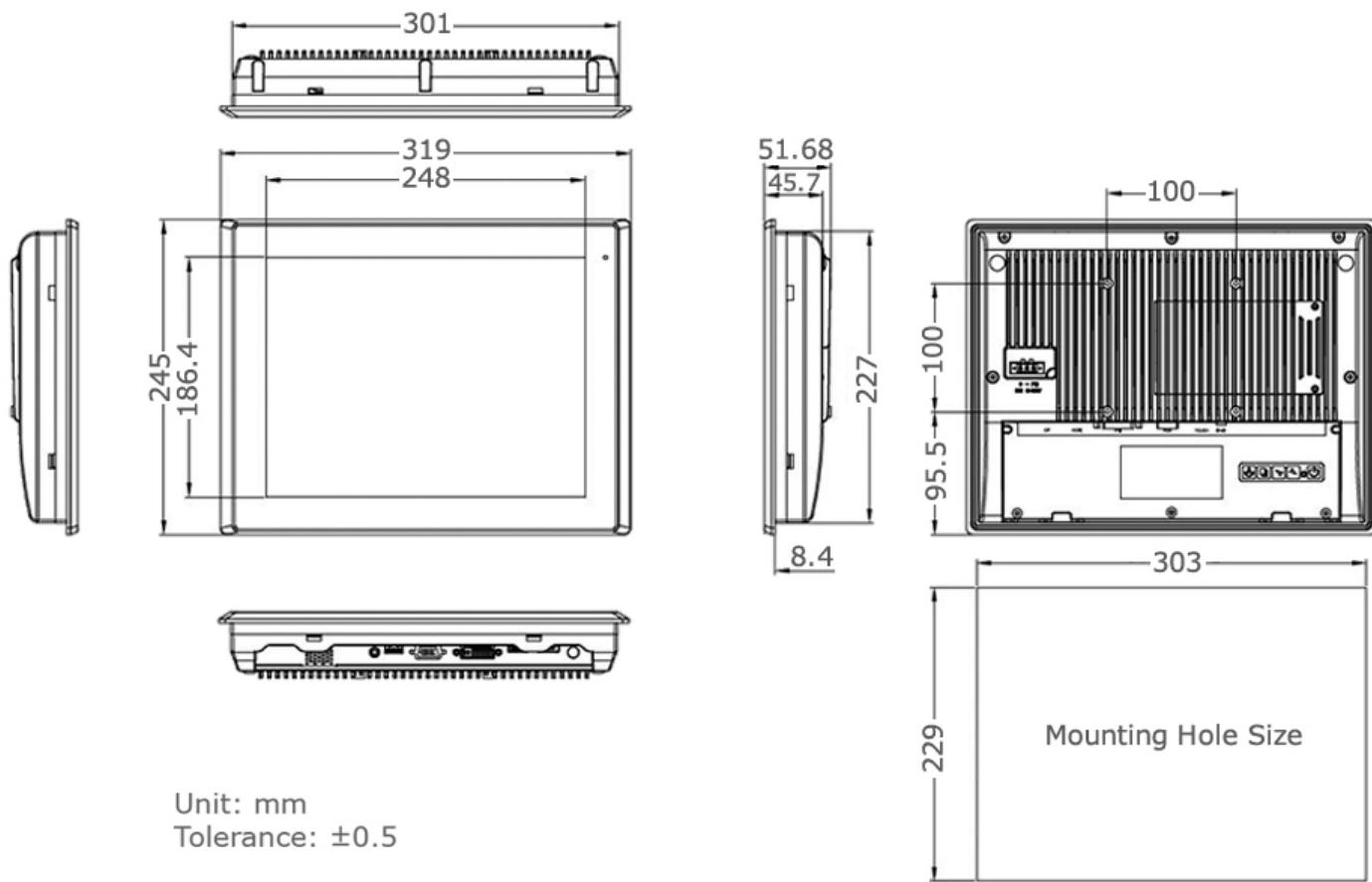
### EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

### ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw

# Tech Diagram Images



## USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

## EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

## ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw