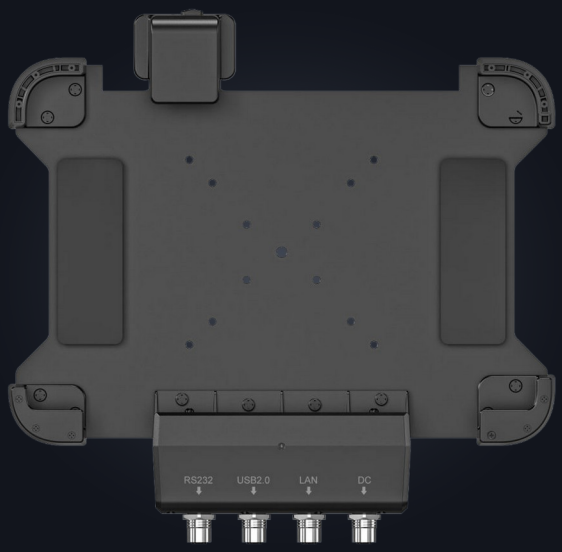
Forklift Dock V2

Vehicle Dock for TRT-7080 and TRT-7480 Tablets

Teguar's next-generation dock for forklifts, reach trucks and other material handling vehicles. It keeps the tablet powered, connected and securely mounted through the shock, vibration, dust and moisture of the warehouse floor.



12–36 VDC	60 W	M12	MIL-STD-810H	Key lock	VESA 75/100
Vehicle power input	15 VDC, 4 A to tablet	Locking connectors	Shock and vibration	Secures the tablet	and AMPS mounting

KEY FEATURES

- Locking, vibration-resistant M12 connectors
- Improved pogo-pin contacts, redesigned PCB
- Integrated key lock, with or without the key
- MIL-STD-810H shock and vibration certified
- 12–36 VDC input for 12, 24 and 36 V vehicles
- 15 VDC, 4 A (60 W) output charges the tablet
- Wired LAN, USB-A, RJ50 and DB9 serial cables

APPLICATIONS

Warehouses and distribution centers
Run WMS and barcode scanning on forklifts and reach trucks

Manufacturing plants
One dock across mixed fleets with 12–36 VDC input

Ports and yards
Locking M12 connections that hold up to dust, moisture and vibration

CERTIFICATIONS

FCC | CE | RoHS | REACH | MIL-STD-810H

DOCKING

Compatible tablets	TRT-5280, TRT-7080 and TRT-7480, 10" and 12" (depending on configuration)
Tablet connection	12-pin pogo-pin connector
Use while docked	Fully usable; tablet is powered and charged

POWER

Input range	12–36 VDC (12 V, 24 V and 36 V vehicle systems)
Output to tablet	15 VDC, 4 A (60 W)
Input port	4-pin A-coded M12
Power cable	3.5 m (11.5 ft), bare leads for direct wiring

SECURITY

Lock	Integrated key lock
Operation	Can be operated with or without the key for quick release or tamper-resistant use

ENVIRONMENTAL

Shock / vibration	MIL-STD-810H
Operating	-20 to 60°C (-4 to 140°F)

I/O PORTS

Serial	1× RS-232, 12-pin A-coded M12
USB	1× USB 2.0, 12-pin A-coded M12
LAN	1× Ethernet, 8-pin A-coded M12
Power	1× DC-in, 4-pin A-coded M12
Dust protection	Plastic dust cap on each data port

CABLES

Power	M12 to bare leads, 3.5 m (11.5 ft)
LAN	M12 to female RJ45, 1 m (3.3 ft)
USB	M12 to 2× female USB-A
RJ50	M12 to 2× male RJ50, 1 m (3.3 ft)
Serial	M12 to DB9, male or female, 1 m (3.3 ft)

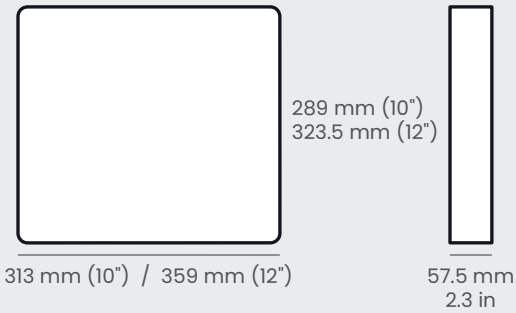
MECHANICAL

Dimensions (10")	313 × 289 × 57.5 mm (12.3 × 11.4 × 2.3 in)
Dimensions (12")	359.0 × 323.5 × 57.5 mm (14.1 × 12.7 × 2.3 in)
Weight (10")	0.8 kg (1.8 lb)
Weight (12")	1.1 kg (2.4 lb)
Mounting	VESA 75, VESA 100, AMPS
Material	Metal and industrial plastic

CERTIFICATION AND WARRANTY

Certifications	FCC, CE, RoHS, REACH, MIL-STD-810H
Warranty	12 months

DIMENSIONS

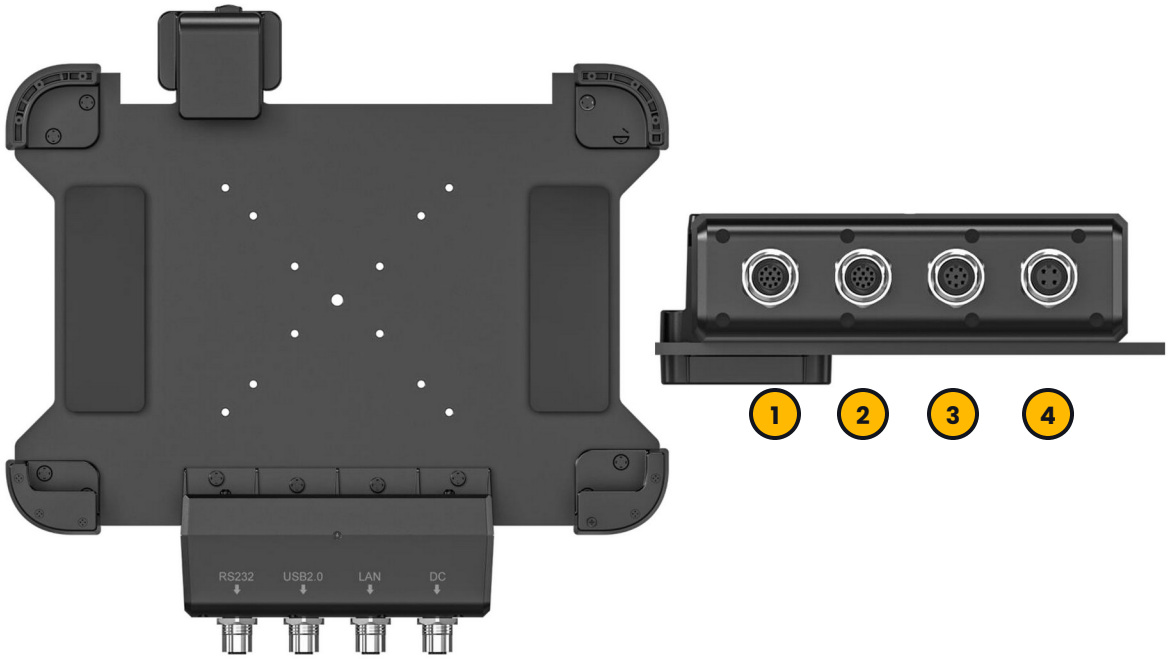


COMPATIBLE TABLETS

- TRT-5280-10
- TRT-5280-12
- TRT-7080-10
- TRT-7080-12
- TRT-7480-10
- TRT-7480-12

Compatibility depends on the tablet's physical configuration. Future generations of these tablets will also be supported.

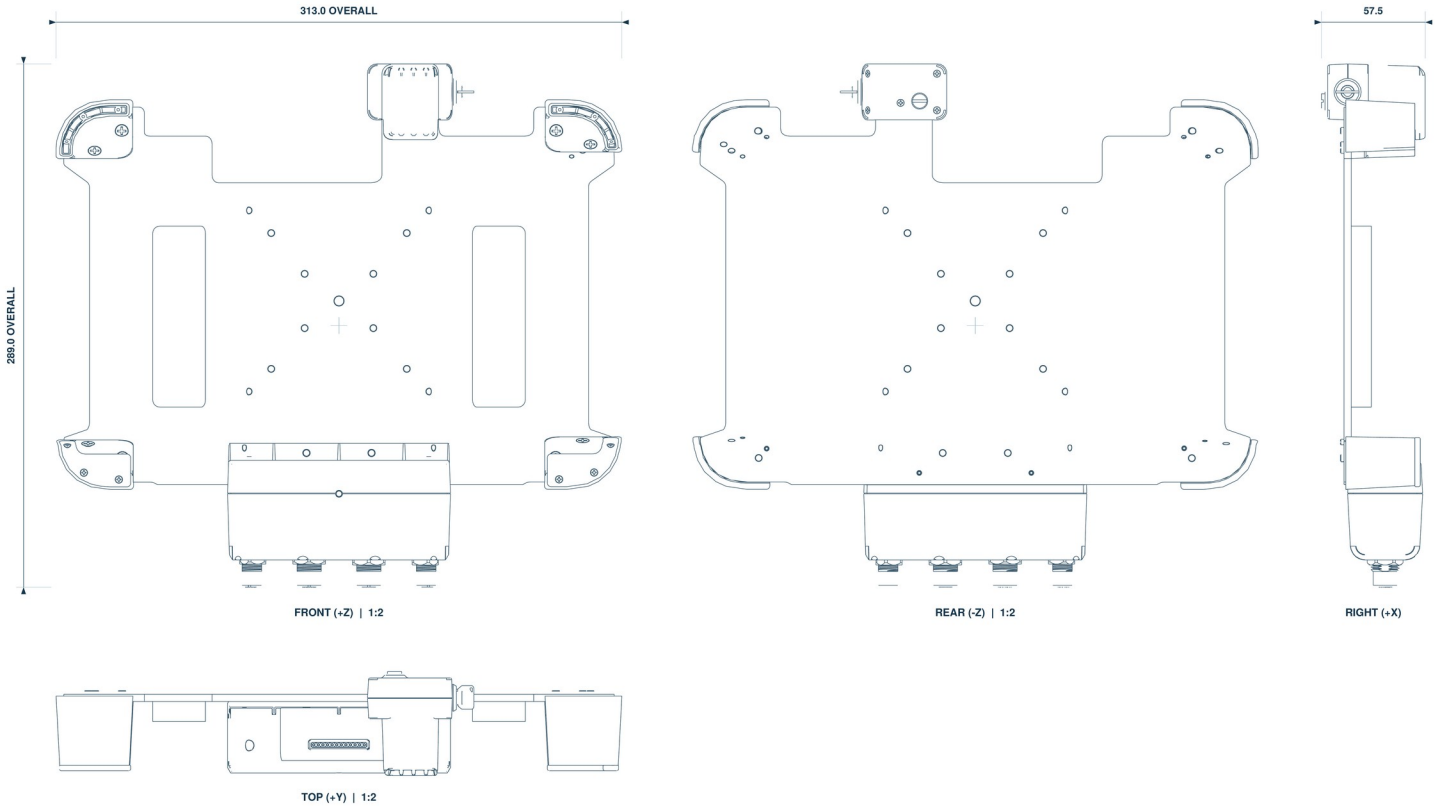
CONNECTOR PANEL



1	**Serial (RS-232)** 12-pin A-coded M12 for scales, vehicle controllers and other serial devices	**Serial cable** M12 to DB9, male or female, 1 m (3.3 ft)
2	**USB 2.0** 12-pin A-coded M12 for barcode scanners and other USB peripherals	**USB or RJ50 cable** M12 to 2× female USB-A, or to 2× male RJ50
3	**LAN** 8-pin A-coded M12 for a wired Ethernet connection	**LAN cable** M12 to female RJ45, 1 m (3.3 ft)
4	**DC power input** 4-pin A-coded M12, 12–36 VDC from the vehicle	**Power cable** M12 to bare leads, 3.5 m (11.5 ft), for direct wiring to the vehicle

The tablet stays fully usable while docked. Each data port ships with a plastic dust cap.

DIMENSIONS, 10" VERSION (MM)

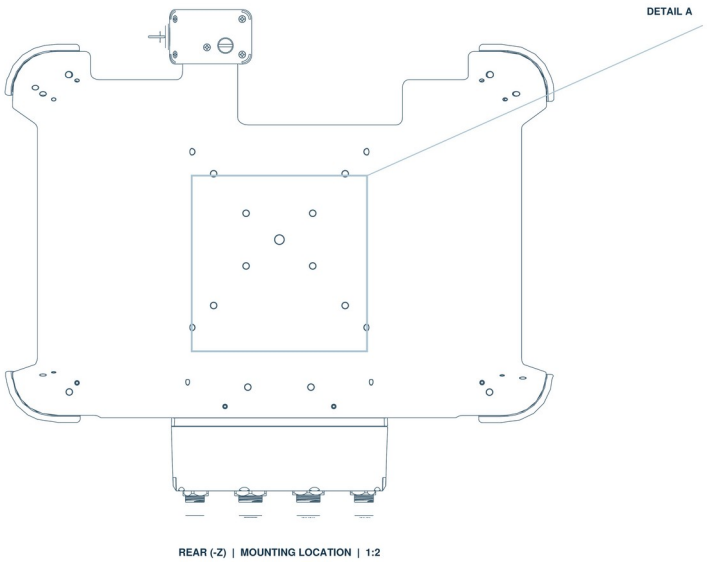


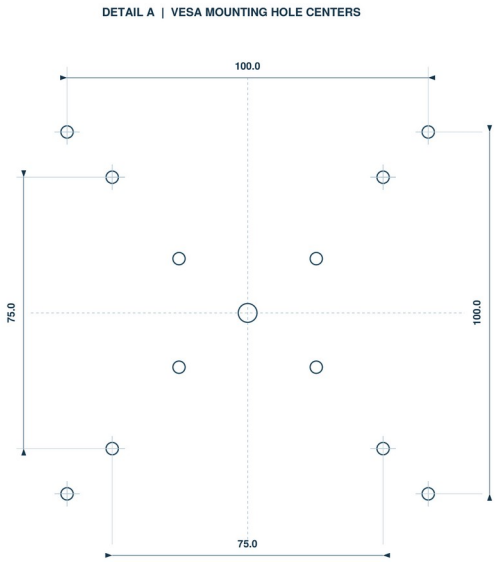
313.0 × 289.0 × 57.5 mm
12.3 × 11.4 × 2.3 in
Overall W × H × D (10")

75 × 75 / 100 × 100 mm
3.0 × 3.0 / 3.9 × 3.9 in
VESA mount

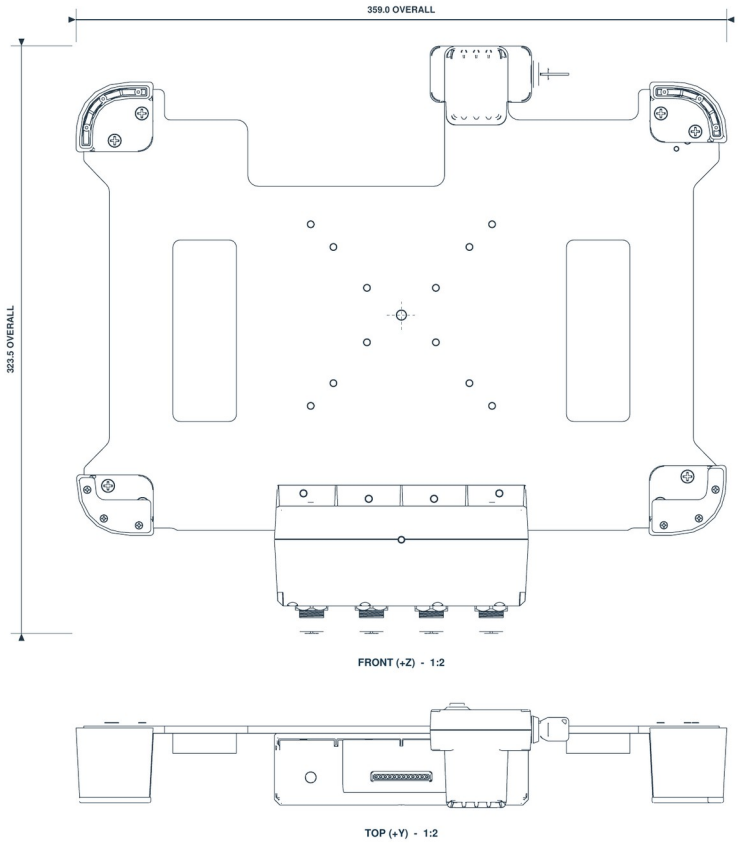
38 × 30 mm
1.5 × 1.2 in
AMPS mount

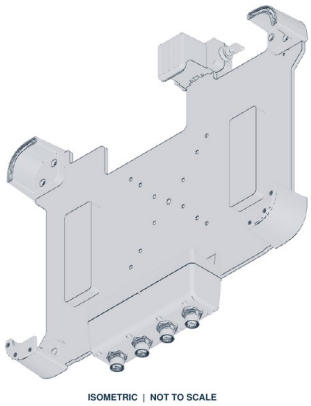
MOUNTING HOLE PATTERN, 10" VERSION (MM)





DIMENSIONS, 12" VERSION (MM)



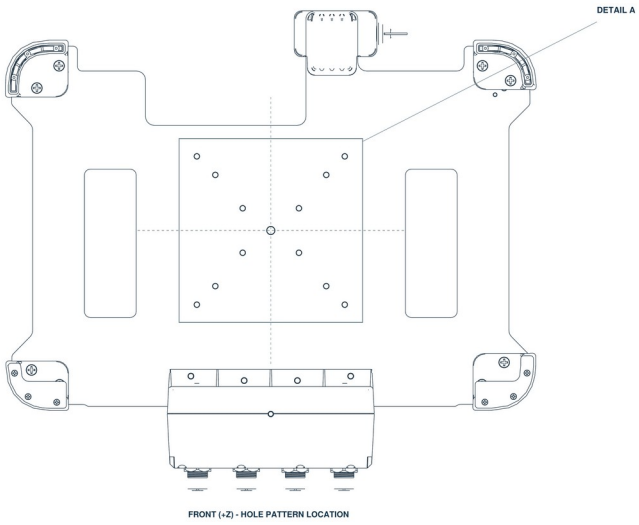


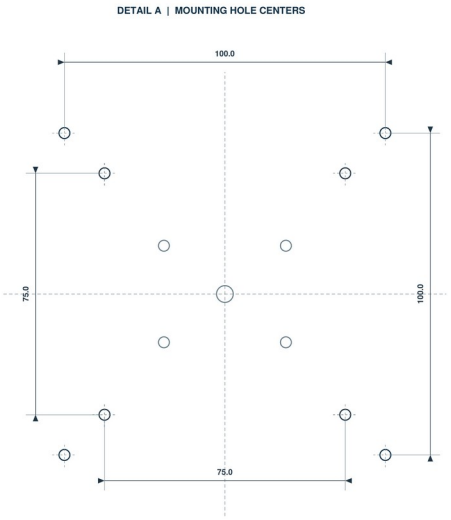
359.0 × 323.5 × 57.5 mm
14.1 × 12.7 × 2.3 in
Overall W × H × D (12")

75 × 75 / 100 × 100 mm
3.0 × 3.0 / 3.9 × 3.9 in
VESA mount

38 × 30 mm
1.5 × 1.2 in
AMPS mount

MOUNTING HOLE PATTERN, 12" VERSION (MM)





CONTACT US

Let's talk about your project

Pricing, samples, custom configurations or a demo unit: send us a note through the contact form and a Teguar engineer will get back to you.

Scan to contact us
teguar.com/contact-us

OUR OFFICES

USA
Teguar Headquarters

2920 Whitehall Park Drive
Charlotte, NC 28273

704-960-1761
866-779-3967 (toll free)

sales@teguar.com

EUROPE
Teguar Europe AG

Churerstrasse 54
CH-8808 Pfäffikon,
Switzerland

+41 41 561 5311

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