

**DGOZ-TCH-10T-PWB / DGOZ-TCH-10W-PWB****RAPIX 10.1" Touchscreen**

With plasterboard wall box.

Models with and without *RAPIX Touch* software pre-installed.

**Product summary and capabilities**

The DGOZ-TCH-10T-PWB / DGOZ-TCH-10W-PWB are 10.1" colour touchscreens:

- DGOZ-TCH-10T-PWB has *RAPIX Touch* software pre-installed and licensed, which runs automatically after power up.
- DGOZ-TCH-10W-PWB is a "bare-bones" version running Windows 10 IoT LTSC. This version is suitable for Systems Integrators who need to run *RAPIX Touch* or other Windows software.

Both models include:

- IP65 sealed front surface for water and dust protection.
- Power supply with Australian cord and plug.
- Plasterboard wall box.

Connectivity is by Gigabit Ethernet.

**Important notes and safety information**

- These Touchscreens do not connect directly to a DALI line. When used in a RAPIX DALI system, the touchscreen operates using *RAPIX Touch* software that communicates over Ethernet to a RAPIX Zone Controller (available separately).
- The RAPIX 10.1" LCD Touchscreen with *RAPIX Touch* pre-installed includes a *RAPIX Touch* licence. This automatically runs *RAPIX Touch* after power up. Configuration of the Zone Controller connection is required.
- **The "bare bones" version may require setup or configuration depending on the software to be installed. Standard Microsoft Windows software installation and configuration procedures apply. The installer is responsible for all aspects of configuration, installation and security.**
- Use only the power supply that comes with the Touchscreen.
- **The touchscreen does not include an Ethernet switch – using both Ethernet ports to daisy-chain or cascade the Ethernet is not supported.**
- There are **no user serviceable parts** inside the Touchscreens. Any disassembly will void the warranty.
- This product is intended for **indoor use only**.
- The screen can be cleaned using a **soft lint-free cloth**. Do not clean the screen with materials that are abrasive or that include solvents or other chemicals.

**Terminals & Connections**

The Touchscreen includes connections for Power, serial (COM) port, USB (type A), HDMI and LAN. In normal operation only power and a single LAN connection are needed.

**Use the supplied power adaptor.** If additional cable length is needed, the preferred method of extending is to use a longer mains power lead. Use of alternative power adaptors is not supported and will void the warranty.

There are two Ethernet LAN ports available. **Connect Ethernet LAN to only one of these.**

**Installing the Wall Box & Screen**

IMPORTANT: The supplied wall box is only suitable for plasterboard. **This wall box cannot be used for surface mounting the Touchscreen.**


1. Use the supplied template and tape or otherwise attach it to the plasterboard wall.
2. Ensure the cutout will be level.
3. Mark the corners, taking care to ensure the hole will not become too large.
4. Carefully cut the plasterboard to size and remove the waste piece.
5. Remove the screen from the wall box and place it in a safe place.

**Measure twice, cut once!**



6. Ensure all swing-out arms are located inside the wall box. If needed, use the screws to locate the arms so they are behind the thickness of the plasterboard during installation.
7. Do a trial fit of the wall box into the hole. Carefully enlarge the hole if needed.
8. Clean any plasterboard dust and trim any ragged edges with a sharp craft knife.
9. If the wall is to be painted: do it at this step.
10. Arrange all cables (Power and Ethernet) for wall box entry. There are cable-tie points in the wall box that can be used if needed.
11. Push the wall box into the hole. Use the swing-out arm screws and ensure that the arms are swung out. A finger can be used on the end of the arms to ensure they are properly swung out to 90 degrees from the sides of the wall box. Screw normally to tighten so that the wall box is clamped to the plasterboard<sup>1</sup>.
12. Connect power and ethernet cables to the screen.
13. If a Kensington lock is needed, fit this to the slot in the screen.
14. Gently push the screen into the wall box. It will lock in place.

**Do not use a power driver for this step.**



### Software Commissioning

**DGOZ-TCH-10T-PWB:** This model has *RAPIX Touch* pre-installed. Commissioning uses the *RAPIX Desktop Configuration Utility*. This is a free download from <https://ozuno.com>. Multiple Touchscreens can be configured using this software. By default, the screen will obtain an IP address using DHCP. For configuration, the screen must be powered on and LAN connectivity must exist between the screen and the commissioning PC.

**DGOZ-TCH-10W-PWB:** This model is “bare bones” Windows 10 IoT edition. The purchaser is responsible for all aspects of setup, commissioning, connectivity, etc. **Ozuno provide no support for commissioning or setup of this model.**

### Specifications

Property	Specification
Power source	100 – 240 V ac 50/60 Hz ac to dc adapter, 50 W (included)
Power consumption	19 W (typ)
Operating voltage	12 V dc / 2.5 mm $\phi$ jack
I/O Ports	RS-232 (x1) / USB 2 Type A (x1) / USB 3.3 Gen 1x1 Type A (x1) / HDMI 1.4 (x1) / Ethernet RJ45 Gigabit (x2)
Display resolution	1280 x 800 pixels
Contrast ratio	800:1
Viewing angles	85 degrees off axis all directions
Brightness	350 nits
Viewing size	10.1 inches (diagonal measurement)
Processor	Intel Celeron N2930 1.83 GHz
Memory	SO-DIMM, DDR3L 1600 MHz, 4 GB
Storage	mSATA SSD 128 GB
Outside dimensions	267 x 182 x 64 mm (display fitted to wall box) 267 x 182 x 55 mm (wall box)
Wall box type	Metal box suitable for plasterboard
Cutout	259 x 163 mm
Ambient operating temperature	0 to 50° C
Ambient storage temperature	-10 to 60° C
Humidity	10% to 90% RH non-condensing
Ingress protection	IP65 (front face only, when installed)
Weight	Display 1.4 kg / Wall box 0.8 kg
Included software	Windows 10 IoT (LTSC) Some order codes include <i>RAPIX Touch</i> software pre-installed

<sup>1</sup> A power driver will strip threads and damage the wall box. **Replacement wall boxes are not available as spart part.**

### Spare Parts

The power supply for this product is available as a spare part, order code **DGOZ-TCH-10T-PSU**.

### Standards and compliance

The product is designed to meet/exceed the following Australian and International standards:

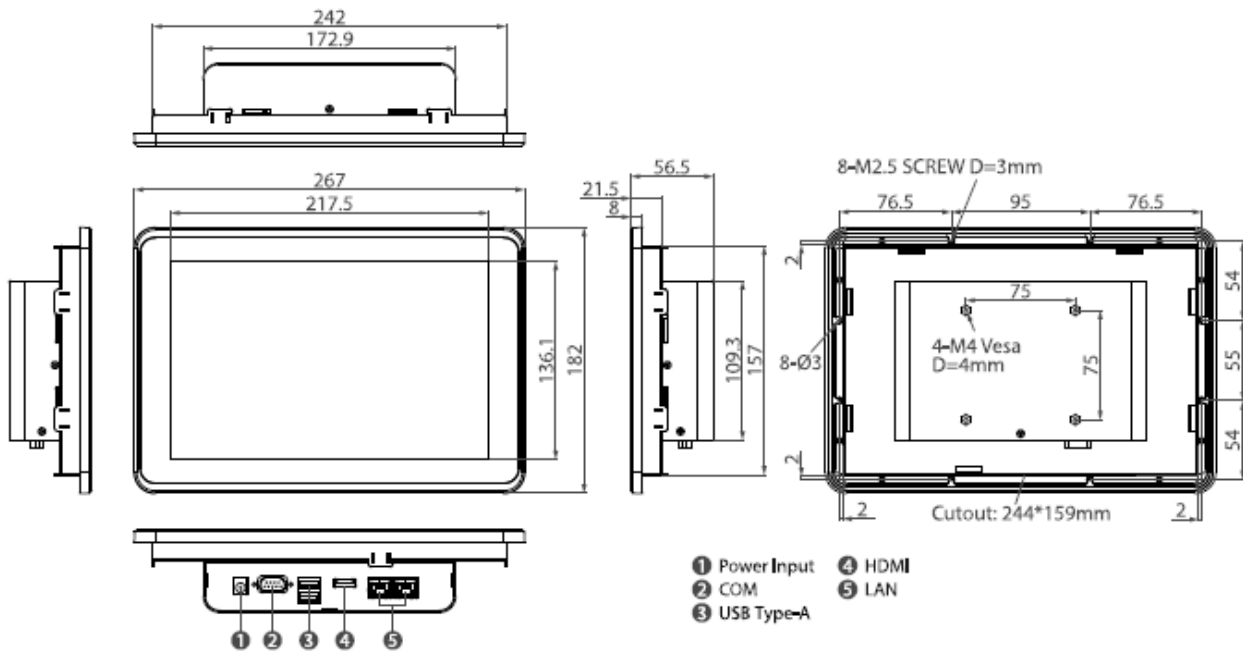
#### EMC and Electrical Safety Frameworks and Standards

- EN55024:2010
- IEC61000-4-2:2009
- IEC61000-4-3:2006+A1: 2007+A2: 2010
- IEC61000-4-4:2012
- IEC61000-4-5:2014
- IEC61000-4-6:2013
- IEC61000-4-8:2010
- IEC61000-4-11:2004
- EN55022:2010/AC:2011 Class B
- EN61000-3-2:2014
- EN61000-3-3:2013
- EN 60950-1:2006/A11:2009/A1:2010/A12:2011/ A2:2013

#### EU Directives

- 2014/35/EU Low Voltage
- 2014/30/EU Electromagnetic Compatibility (EMC)
- 2015/863 Restriction of Hazardous Substances (RoHS) in Electrical and Electronic Equipment

### Product dimensions



## Warranty

This product has a TWO YEAR warranty against manufacturing defects. The warranty applies from the date of purchase.

Refer to [ozuno.com](https://www.ozuno.com) for the full conditions for warranty and returns process. A summary of the process:

1. Contact the seller of the goods, or in their absence contact Ozuno to request a return goods authorisation.
2. When a return is authorised, the goods must be returned to Ozuno at the owners expense for technical evaluation.
3. The warranty claim will be evaluated by Ozuno and accepted if the goods are found to be faulty, or rejected if the fault was caused by conditions beyond the responsibility of Ozuno. Considerations of installation, removal, return, freight and testing are not the responsibility of Ozuno.

The Australian Consumer Law requires the inclusion of the following statement with this Warranty:

***Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.***

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# Cutting Template

259 x 163 mm