

TS7200

Vehicle Mount Terminal



Rugged by design

The **TS7200** provides an industry leading rugged design. Combining its steel chassis with a high impact polycarbonate plastic alloy casing ensures that the **TS7200** delivers real time performance and productivity in the most demanding environments.

Sorbothane® rubber shock absorbers

The **TS7200** truck mount terminal is continually subjected to shockwaves and vibration when in use within a warehouse and logistics-based operation.

Vibration and shock can have an adverse effect on electronic components, which in turn can limit the useful life of a mobile terminal.

TouchStar are unique in incorporating Sorbothane® rubber into the design, eliminating these shockwaves by totally isolating components from the outer case.

The **TS7200** is therefore capable of being used in robust environments providing an extremely reliable solution and prolonged life. On impact, the Sorbothane® rubber material deforms to disperse the shockwaves laterally, immediately returning to its initial form to be fully operational in time for the next impact.



Key components shrouded in Sorbothane®

Other design features that make this TS7200 the most rugged terminal in its class:

- IP54 rating for full protection against dust, water and oil ingress
- Operates in wide temperature extremes (-20°C to +50°C)
- Fully capacitive QWERTY keyboard with robust touchscreen input
- Steel chassis

Our designers have worked hard to achieve industry-leading ruggedness to ensure that the **TS7200** withstands the most extreme environments.

For every application

The **TS7200** is powered by the latest high-speed processor technology and the next generation in mobile operating systems - Android. With the **TS7200**, operators have mobile access to web-oriented applications and VT emulation, streamlining operations for increased productivity and accuracy. Available with an array of communication options, the **TS7200** supports fast communications with Wi-Fi 802.11a/b/g/n, Bluetooth 4.1 and 3G, enabling users to stay connected wherever they are and whatever task they are performing.

Integrating feature rich functionality into an ergonomic, compact and robust design, the **TS7200** provides the flexibility to add different scanning options via the integral USB and RS232 ports, ensuring operators have all the right tools for the job.

Rugged and dynamic

Designed to be versatile within all warehouse and logistics operations, the **TS7200** provides a robust, user-friendly mounting solution, allowing the terminal to be perfectly positioned for the operator across all makes of forklift truck and material handling equipment.

Replacing the “prone to damage” physical keyboard with a fully capacitive QWERTY keyboard, the **TS7200** integrates an easy to use, robust touchscreen input that is fully resistant to contaminants such as dust, oil and water. The touchscreen is wipeable and its large keys are perfect for gloved fingers in the most demanding of data entry application. Combined with the high definition graphics and keyboard the **TS7200** provides outstanding readability in both direct sunlight and all ambient lighting conditions making it the perfect overall solution for hard and demanding environments.



Proven performance

Capitalising on over **30 year's** history within the UK manufacture and support of rugged mobile devices, TouchStar provide the long-term support to guarantee seamless operation, reduced downtime and a low total cost of ownership for your hardware estate. The **TS7200** offers proven performance with the highest level of automation, it is the ideal industrial terminal for **warehouse and logistics-based** applications including, but not limited to:

Warehousing



Transportation



Manufacturing



TS7200

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Technical Specification

OPERATING SYSTEM

Android

MOBILE COMPUTING PLATFORM

Processor – Quad Core i.MX6, 800MHz - 1GHz

INTERNAL STORAGE & MEMORY

2GB LP-DDR2 RAM

16GB eMMC NAND Flash

DISPLAY

7" HD IPS Colour TFT, High Resolution, 1024 x 600 pixels,
LED Backlit, Programmable Dimming

TOUCHSCREEN

High Impact Industrial Polycarbonate,
Capacitive – Multi-touch,
Glove operable, Signature capture

INTERNAL STORAGE

Micro SD Card Socket

Micro SIM Card Socket (with 3G Option)

I/O INTERFACE

1 x Speaker

2 x USB 2.0 Host

1 x RS232 Serial Port 9 Pin D-Type

1 x Ethernet 100Base-t (Optional)

POWER

DC Input – 18V to 75V DC

Lithium Ion smart Battery, 1800mAh, 13Wh
(Charging time: approx 6 hours)

COMMUNICATION INTERFACE

WIFI 802.11a/b/g/n + MIMO (2.4GHz/5GHz)

Bluetooth 4.1 + BLE, with Hands Free Audio Support

Multi-GNSS receiver, GPS, Glonass, Galileo, QZSS - Optional

3G WWAN (HSPA+/UMTS/EDGE/GPRS/GSM) for data and
voice communication – Optional

SCANNER OPTIONS

External Scanner Inputs – USB and RS232 – Scanner options available;
Standard Range, Long Range, High Performance, Wireless Scanner,
2D Imager, RFID

KEYBOARD INTERFACE

Soft input panel (SIP) on screen keyboard

Alpha Numeric Capacitive QWERTY Keyboard: 24 Function Keys
(Direct Access), 0-9 Numeric Keys, Up, Down, Left and Right,
Touch ON/OFF

Status LED's – Standby, CAPS, Function

SOFTWARE

Application Support Packages,

Full Range of Mobile Applications – Web interface and
emulation packages

OPERATING TEMPERATURE

-20°C to +50°C

STORAGE TEMPERATURE

-30°C to +70°C

RELATIVE HUMIDITY

95% (non condensing)

SHOCK TESTING

1.5m drop onto concrete, withstands vehicle vibration

ENVIRONMENTAL

IP54

APPROVALS

CE / FCC

PHYSICAL

Dimensions – 258mm (W) x 42mm (D) x 227mm (H)

Weight – 1.6Kg

460g (with main battery, without pistol grip)

Case – Impact resistant, flame retardant

High impact shock absorbers

Case Material – UV stabilised polycarbonate

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