



Model: 8TSV7M

## 8 Inch Touchscreen Metal (4:3)

This 8 inch touchscreen has a reliable multi-touch panel with a 4:3 aspect ratio. The monitor delivers excellent 178° viewing angles and is compatible with Windows, Mac & Linux operating systems. The touchscreen monitor is designed for professional applications, easy to integrate and suitable for intensive use.

- ✓ 4:3 multi-touch panel
- ✓ Input: HDMI, DisplayPort, USB-C, VGA
- ✓ Mounting: Flush, embedded, wall, desktop
- ✓ External dimensions: 199 x 159 x 35 mm



## General

Manufacturer	Beetronics
Product line	Touchscreen Series
Product name	8 Inch Touchscreen Metal (4:3)
Item number	8TSV7M
Previous model	8TS4
Product type	Touchscreen
Warranty	2 years
User manual	<a href="#">Download PDF</a>
Quickstart	<a href="#">Download PDF</a>

## Display architecture

Aspect ratio	4:3
Native resolution	1024 x 768
Pixels per inch	161 PPI
Diagonal size	8.0 inches (204 mm)
Panel type	IPS-LCD
Backlight	LED
Surface	Tempered glass
Supported orientation	Landscape, portrait, face-up

## Display performance

Maximum brightness	350 nits (typical)
Minimum brightness	1 nit
Contrast	800:1
Viewing angle	178° horizontal, 178° vertical
Response time	10 ms
Supported resolutions	1920 x 1080 (max), 640 x 480 (min)

## Touch technology

Touch technology	Capacitive (PCAP)
Touch points	10-point (multi-touch)
Touch interface	USB HID-compliant
Touch control	Stylus, hand, glove
Gesture support	Tap, swipe, scroll, pinch-to-zoom (dependent on host system OS and application)

## Operational features

Audio	Dual integrated speakers
Auto-on	Automatically powers on when it receives current or a signal.
Dimmable	Adjustable backlight brightness via remote control or optional dimmer.

## Software & compatibility

Windows	Windows 8, 10, 11
Windows Embedded	Windows Embedded 8 Industry, 8.1 Industry, IoT Enterprise
macOS	Tahoe, Sequoia, Sonoma
Linux	All Linux distributions
Brightsign	All BrightsignOS versions
Samsung DeX	All Samsung DeX versions

## Connectivity

HDMI	1x
DisplayPort	1x
VGA	1x
USB-C	1x Video, audio, touch
USB-A	Via USB-C to USB-A adapter. This only activates the touch functionality and should be combined with HDMI, the DisplayPort, or VGA for image display.
AUX input (3.5mm)	1x
AUX output (3.5 mm)	1x

## Mechanical

Dimensions (without stand)	199 x 159 x 37 mm
Active area	163 x 122 mm
Weight	1000 grams (1400 grams with stand)
Colour	Black

## Mounting

Wall mount	✔ VESA 75x75mm
Flush mount	✔ Mounting strips included
Stand	✔ Adjustable and detachable
Supported mounting orientations	Landscape, portrait, face-up

## Power

Input voltage	19V DC
Operating voltage range	9-36V DC
Power consumption	9 W (on), 0.4 W (standby)
Power supply	External DC power supply included
Included power adapter	Input: 100-240V AC, 50/60Hz, Output: 19V DC, 1.5A
Power connector	5.5 mm x 2.1 mm DC barrel connector
DC cable length	1.5 m
AC power cord length	1.0 m

## Environmental

Max. non-stop operating time	24/7
Operating temperature	-10°C to +60°C (14°F to 140°F)
Storage temperature	-20°C to +70°C (-4°F to 158°F)
Operating humidity	10% - 90% non-condensing
Ingress protection (IP)	IP65 front panel
Impact protection (IK)	IK08
MTBF	50K

## Compliance & regulations

Regional standards	CE, UKCA, FCC (Part 15), ISED (ICES-003), CCC
Environmental standards	RoHS, REACH, WEEE, California Proposition 65, Conflict minerals (3TG; supplier declaration-based)
Industry standards	Maritime: IEC 60945, DNV-CG-0339 (requires BEE-PSU1-MAR); Railway: EN 50155, EN 45545-2; Automotive: e-Mark, UN ECE R10, SAE J1113, SAE J1455
Compliance scope	Standards and certifications apply to the tested product configuration using the specified power supply. Final system-level compliance remains the responsibility of the party responsible for system integration.
Compliance statement	<a href="#">Download PDF</a>

## Package content

Includes	Touchscreen, USB-C to USB-C cable, USB-C to USB-A cable, mounting strips, stand, remote control, power adapter, quickstart
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## Compatible accessories

Infrared extension	<a href="#">Compatible with infrared extender (IRC7)</a>
Dimmer	<a href="#">Compatible with external dimmer (DMK7/DMK8)</a>
Rack mounting	<a href="#">Compatible with 19 inch rack mount kit (RMK2)</a>
Wall mounting	<a href="#">Compatible with flat wall mount bracket (VWB1)</a>
Stand	VDK3 included as standard
Touch pen	<a href="#">Compatible with CTS7 capacitive touchscreen stylus</a>



