



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: 7.8 x 6.2 x 1.4 inches



General

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|----------------|--------------------------------|
| 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 | Download PDF |
| Quickstart | Download PDF |

Display Architecture

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|-----------------------|------------------------------|
| 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

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| 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

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| 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

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| 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

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|------------------|---|
| Windows | Windows 8, 10, 11 |
| Windows Embedded | Windows Embedded 8 Industry, 8.1 Industry, IoT Enterprise |
| macOS | Tahoe, Sequoia, Sonoma |
| Linux | All Linux Distributions |
| ChromeOS | All ChromeOS Versions |
| Brightsign | All BrightsignOS Versions |
| Samsung DeX | All Samsung DeX Versions |

Connectivity

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|---------------------|--|
| 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

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| Dimensions (Without Stand) | 7.8 x 6.3 x 1.5 Inches |
| Active Area | 6.4 x 4.8 Inches |
| Weight | 2.2 lbs (3.1 lbs With Stand) |
| Colour | Black |

Mounting

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|---------------------------------|------------------------------|
| Wall Mount | ✔ VESA 75x75mm |
| Flush Mount | ✔ Mounting Strips Included |
| Stand | ✔ Adjustable and Detachable |
| Supported Mounting Orientations | Landscape, Portrait, Face-up |

Power

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|--------------------------------|---|
| Input Voltage | DC 9-36V |
| Consumption | 9 W (On), 0.4 W (Standby) |
| Power Supply | External DC (Power Adapter Included) |
| Power Adapter | Input: AC100-240V, 50/60Hz , Output: 19V-1.5A |
| Power Adapter Output Connector | DC Barrel Plug 2.1mm x 5.5mm |

Environmental

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|------------------------------|--------------------------------|
| 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

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|-------------------------|--|
| 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; Medical: EN 60601-1, EN 60601-1-2 (Requires BEE-PSU1-MED) |
| 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 | Download PDF |

Package Content

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| Includes | Touchscreen, USB-A to USB-A Cable, Mounting Strips, Stand, Remote Control, Power Adapter, Quickstart |
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Compatible Accessories

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| Infrared Extension | Compatible With Infrared Extender (IRC7) |
| Dimmer | Compatible With External Dimmer (DMK7/DMK8) |
| Rack Mounting | Compatible With 19 Inch Rack Mount Kit (RMK2) |
| Wall Mounting | Compatible With Flat Wall Mount Bracket (VWB1) |
| Stand | VDK3 Included as Standard |
| Touch Pen | Compatible With CTS7 Capacitive Touchscreen Stylus |



