

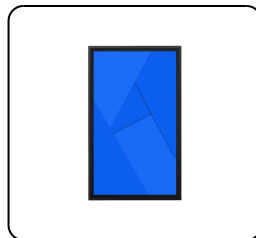


Model: 24TS7M

## 24 Inch Touchscreen Metal

This Full HD 24 inch touchscreen has a reliable multi-touch panel which ensures accurate operation. The 24TS7M delivers best-in-class picture quality with 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.

- ✓ Full HD multi-touch panel
- ✓ Input: HDMI, DisplayPort, USB-C, VGA
- ✓ Mounting: Flush, embedded, wall, desktop
- ✓ External dimensions: 576 x 348 x 44 mm



## General

|              |                              |
|--------------|------------------------------|
| Manufacturer | Beetronics                   |
| Product line | Touchscreen Series           |
| Product name | 24 Inch Touchscreen Metal    |
| Item number  | 24TS7M                       |
| Product type | Touchscreen                  |
| Warranty     | 2 years                      |
| User manual  | <a href="#">Download PDF</a> |
| Quickstart   | <a href="#">Download PDF</a> |

## Display architecture

|                       |                              |
|-----------------------|------------------------------|
| Aspect ratio          | 16:9 (4:3 adjustable)        |
| Native resolution     | 1920 x 1080                  |
| Pixels per inch       | 93 PPI                       |
| Diagonal size         | 23.6 inches (601 mm)         |
| Panel type            | IPS-LCD                      |
| Backlight             | LED                          |
| Surface               | Tempered glass               |
| Supported orientation | Landscape, portrait, face-up |

## Display performance

|                       |                                    |
|-----------------------|------------------------------------|
| Maximum brightness    | 300 nits (typical)                 |
| Minimum brightness    | 1 nit                              |
| Contrast              | 3000:1                             |
| 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   |
| Key-lock | The control buttons can be blocked.                                    |
| 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                                   |
| ChromeOS         | All ChromeOS versions                                     |
| 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) | 576 x 348 x 44 mm                  |
| Active area                | 556 x 328 mm                       |
| Weight                     | 6200 grams (7100 grams with stand) |
| Colour                     | Black                              |

## Mounting

|                                 |                              |
|---------------------------------|------------------------------|
| Wall mount                      | ✔ VESA 100x100mm             |
| Flush mount                     | ✔ Mounting strips included   |
| Stand                           | ✔ Adjustable and detachable  |
| Supported mounting orientations | Landscape, portrait, face-up |

## Power

|                                |   |
|--------------------------------|---|
| Input voltage                  | DC 10-36V                                     |
| Consumption                    | 26 W (on), 0.4 W (standby)                    |
| Power supply                   | External DC (power adapter included)          |
| Power adapter                  | Input: AC100-240V, 50/60Hz , Output: 19V-2.5A |
| Power adapter output connector | DC barrel plug 2.1mm x 5.5mm                  |

## 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; 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    | <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 |
|----------|--|

## Compatible accessories

|                    |  |
|--------------------|--|
| Infrared extension | <a href="#">Compatible with infrared extender (IRC7)</a>           |
| Dimmer             | <a href="#">Compatible with external dimmer (DMK7/DMK8)</a>        |
| Wall mounting      | <a href="#">Compatible with flat wall mount bracket (VWB1)</a>     |
| Stand              | <a href="#">Compatible with VDK7 metal stand</a>                   |
| Touch pen          | <a href="#">Compatible with CTS7 capacitive touchscreen stylus</a> |



