**Beetronics**
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020 3608 7495 · info@beetronics.co.uk

Model: 24HD7M

# 24 Inch Monitor Metal

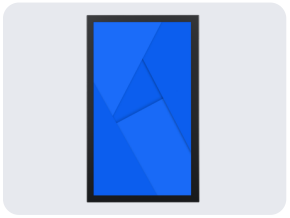
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## Features

- 1920 x 1080 resolution (Full HD)
- Input: HDMI, VGA, BNC, RCA
- Mounting: Flush, embedded, wall, desktop
- External dimensions: 560 x 337 x 41 mm

This 24 inch Full HD monitor delivers best-in-class picture quality with excellent 178° viewing angles. The 24 inch monitor has a sturdy metal housing and is ideal for desktop, flush and wall mounting. The 24HD7M can be connected via HDMI, VGA, BNC or RCA connections.

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## General

| | |
|---|---|
| Manufacturer | Beetronics |
| Product line | Monitor Series |
| Product name | 24 Inch Monitor Metal |
| Item number | 24HD7M |
| Product type | Monitor |
| Warranty | 2 years |
| User manual | Download PDF |
| Quickstart | Download PDF |

## Display architecture

| | |
|---|---|
| Diagonal size | 23.6 inches (601 mm) |
| Aspect ratio | 16:9 (4:3 adjustable) |
| Native resolution | 1920 x 1080 |
| Pixels per inch | 93 PPI |
| Panel type | IPS-LCD |
| Backlight | LED |
| Surface | Anti-glare hard coating (3H) |
| 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) |
| Color encoding system | PAL/NTSC/SECAM |

## Operational features

| | |
|---|---|
| Audio | Dual integrated speakers |
| USB media player | Built-in USB media player with auto-play on power-up and continuous loop playback. Supports common video formats such as: MP4, AVI, MKV, MOV, MPG. |
| 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. |
| Mirroring | Teleprompter compatible. Image can be horizontally and vertically mirrored. |

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## Connectivity

| | |
|---|---|
| HDMI | 1x |
| VGA | 1x |
| BNC (CVBS) | 1x |
| RCA video | 1x |
| USB-A | 1x integrated USB media player |
| AUX input (3.5mm) | 1x |
| AUX output (3.5 mm) | 1x |

## Mechanical

| | |
|---|---|
| Dimensions (without stand) | 560 x 337 x 41 mm |
| Image size | 523 x 295 mm |
| Weight | 5100 grams (6100 grams with stand) |
| Colour | Black |
| Thickness | 41 mm |

## Mounting

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

## Power

| | |
|---|---|
| Input voltage | 19V DC |
| Operating voltage range | 10-36V DC |
| Power consumption | 26 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, 2.5A |
| Power connector | 5.5 mm × 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 |
| MTBF | 50K |

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## Compliance & regulations

| | |
|---|---|
| Regional standards | CE, UKCA, FCC (Part 15), ISED (ICES-003) |
| 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 | Download PDF |

## Package content

| | |
|---|---|
| Includes | Monitor, mounting strips, stand, remote control, power adapter, quickstart |

## Compatible accessories

| | |
|---|---|
| Dimmer | Compatible with external dimmer (DMK7/DMK8) |
| Wall mounting | Compatible with flat wall mount bracket (VWB1) |
| Stand | Compatible with VDK7 metal stand |

## EPR Weights

| | |
|---|---|
| Plastic Packaging Weight (in Gram) | 299 |
| Paper Packaging Weight (in Gram) | 916 |
| Other Packaging Weight (in Gram) | 2 |
| Transport Packaging Weight (in Gram) | 260 |
| Total Packaging Weight (in Gram) | 1477 |
| WEEE Weight (in Gram) | 5720 |

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