Beetronics
2 Lakeside Drive, Park Royal, London, NW10 7FQ, United Kingdom
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Model: 12HD7M

12 Inch Monitor Metal

View product online













Features

- 1920 x 1080 resolution (Full HD)
- Input: HDMI, VGA, BNC, RCA
- Mounting: Flush, embedded, wall, desktop
- External dimensions: 279 x 179 x 35 mm

This 12 inch Full HD monitor delivers best-in-class picture quality with excellent 178° viewing angles. The 12 inch monitor has a sturdy metal housing and is ideal for desktop, flush and wall mounting. The 12HD7M can be connected via HDMI, VGA, BNC or RCA connections.

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General

Manufacturer	Beetronics
Product line	Monitor Series
Product name	12 Inch Monitor Metal
Item number	12HD7M
Previous model	12HDM
Product type	Monitor
Warranty	2 years
User manual	Download PDF
Quickstart	Download PDF

Display architecture

Diagonal size	11.6 inches (296 mm)
Aspect ratio	16:9 (4:3 adjustable)
Native resolution	1920 x 1080
Pixels per inch	190 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	1000:1
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)	279 x 179 x 35 mm
Image size	257 x 145 mm
Weight	1300 grams (1700 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	11 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 × 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)
Rack mounting	Compatible with 19 inch rack mount kit (RMK2)
Wall mounting	Compatible with flat wall mount bracket (VWB1)
Stand	VDK3 included as standard

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