



FrameACE DD110

DYNAMIC • SILENT • ACCURATE



The **FrameACE DD110** by **BST Devices** is a cutting-edge robotic camera head designed for **live broadcasting, event production, and on-location filming**. Featuring **BST Direct Drive Technology**, it delivers **high-speed, back-lash-free movement** with **unmatched precision and silent operation**.

With a **position resolution of 0.8 arcsec** and **repeatability of 1.6 arcsec**, the DD110 ensures flawless execution of every shot. Its **whisper-quiet performance** makes it ideal for use in **concert halls, studios, and other acoustically sensitive environments**. The **gearless construction** guarantees long-term reliability with **only one moving part per axis**, minimizing wear and maintenance.

Designed for **effortless operation**, the DD110 includes a **built-in Web UI** for standalone control, **system-aided camera balancing** with a **long-throw camera mount plate**, and **customizable RGB tally lighting** for real-time system feedback. Integrated **12V DC 2.5A power output** in the cradle allows direct power supply to cameras and prompters, reducing cable clutter. The DD110 also supports **optical tally integration** and offers **optional custom anodization** for seamless aesthetic integration.

With a **maximum speed of 220°/sec** and a **payload capacity of 60 kg (132 lbs)**, the **FrameACE DD110** is the ultimate solution for professionals seeking **precision, speed, and reliability in robotic camera operations**.

Dimensions W x D x H:

270 mm (10.6") × 160 mm (6.3") × 330 mm (13")

Gross Weight:

Approx. 15 kg (33 lbs)

Environmental:

Operating Temperature Range:

0°C - 40°C (32°F - 104°F)

Operating Relative Humidity Range:

8% - 90% (non-condensing)

Power requirements:

48 V DC

Operating System:

Linux-based firmware

Control Interface:

Web-based UI, CLI, and API access

Supported Protocols:

BST-MOTION-BUS, RS-422, GPI, Canon/Fujinon Lens

Logging & Diagnostics:

Built-in logging

Max Speed:

220 deg/sec

Max recommended Payload:

60 kg (132 lbs)

Position Resolution:

0,8 arcsec.

Position Repeatability:

1,6 arcsec.

ORDERING INFORMATION

frameACE:

SKU: 4010-100-10010

SUPPORT & WARRANTY

Standard Warranty:

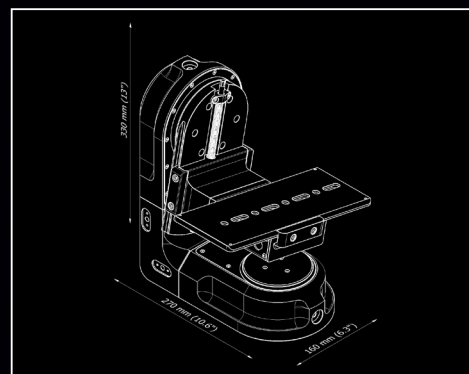
1 years hardware warranty

Extended Support:

Available upon request

Software Updates:

Free updates for the first year



All specifications are subject to change at any time without notice.

To learn more about our solutions, visit:

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