



Broadcaster Pro 25X Fiber

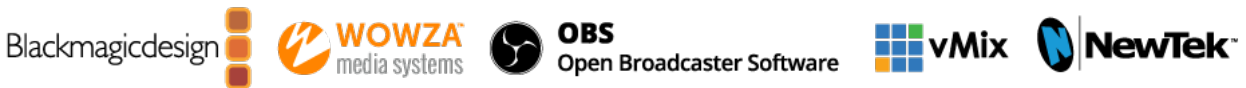
P/N: PRC-425FB

In high-end broadcast production, raw power is useless without control. Every misstep in camera synchronization, every missed shot, has real-time consequences. Broadcaster Pro Fiber built specifically for this environment: a 1/1.8" 4K/60fps CMOS sensor, uncompressed 12G-SDI, multi-camera Genlock, AI Tracking, and comprehensive connectivity.

Main characteristics

- Genlock
- 4K/60 fps
- 25X optical zoom
- 1/1.8" CMOS sensor
- IP + 12G SDI + Fiber

Seamless integration with:



* ClickShare BARCO * myTeamSharer

* myTeam Sharer: Compatible solo video * Click Share Barco: Compatible solo video

Broadcaster Pro Fiber Specifications | P/N: PRC-425FB

Camera

Image sensor: 8.42 megapixels, 1/1.8-inch CMOS
Video system: HDMI / 12G-SDI / 3G-SDI / SFP+ / LAN, up to 4K/60 fps
Resolutions: - HDMI: 3840x2160p60/59/50/30/29.97/25, 1920x1080p60/59/50/30/29.97/25, 1920x1080i60/59/50, 1280x720p60/59/50 - 12G-SDI: 3840x2160p60/59.94/50/30/29.97/25, 1920x1080p60/59.94/50/30/29.97/25, 1920x1080i60/59.94/50, 1280x720p60/59.94/50 - 3G-SDI: 1920x1080p60/59/50/30/29.97/25, 1920x1080i60/59/50, 1280x720p60/59/50, - SFP+: 3840x2160p60/59/50/30/29.97/25, 1920x1080p60/59/50/30/29.97/25, 1920x1080i60/59/50, 1280x720p60/59/50, - LAN: Up to 3840x2160p60
Minimum illumination: 0.1 lux (F1.8, AGC ON)
SNR: >50 dB
Digital noise reduction: 2D, 3D
Backlight compensation: On/Off
Iris: F1.6-F14, CLOSE
Shutter speed: 1/60 - 1/10,000
White balance: Auto, Manual, Indoor, Outdoor, One-push, ATW, Specific color temperature
Exposure mode: Auto, Manual, Shutter priority, Aperture priority
Focus mode: Auto, Manual, One-push
Vertical and mirror flip: Yes
Dynamic range: Off, 1-8
Image settings: Brightness, Hue, Saturation, Contrast, Sharpness, B/W Mode, Gamma Curve

Pan/Tilt

Pan/Tilt Range: Pan: -174° to +174°, Tilt: -30° to +90°
Pan/Tilt Speed: Pan: 0.1°/s - 35°/s, Tilt: 0.1°/s - 30°/s
Number of presets: Up to 255 presets (10 via remote control)
Preset speed: Pan: 35°/s, Tilt: 30°/s
Lock: Pan, tilt, and zoom lock available

General

Power Supply Requirements: 12 V DC ±10% or PoE+
Consumo de energía: <18 W
Color: Black
Storage temperature: -10 °C to +70 °C 14°F to 158°F
Operating temperature: 10 °C - +50 °C 14°F ~122°F
Operating/storage humidity: 20%-80% 20%-95%
Dimensions (L x W x H): 193 mm x 158 mm x 208 mm 7.60 x 6.22 x 8.19 in
Weight: 1.9 kg 4.19 lb
Tripod thread hole size: 1/4-20 UNC
Warranty: 3 years* with Prime Support Service (*Extendable to 6 years by registering the product within 2 months of the invoice date)
Included accessories: Power Supply, IR remote control, wall mount, 200 cm RS-232 control cable, user manual

Lens

Horizontal field of view (Wide - Tele): 59.2° (W) ~ 2.5° (T)
Focal length (Wide - Tele): 7.1 mm (W) ~ 171.95 mm (T) 0.28 in ~ 6.77 in
Optical zoom: 25X
Digital zoom: 16X
Minimum focusing distance: 30 cm
Aperture: F1.61-F5.19

Interface

Video outputs (connectors): HDMI (HDMI Type A), 12G-SDI (BNC), 3G-SDI (BNC), SFP+ (SFP28 transceiver), LAN (RJ45)
Video compression formats: H.264, H.265
audio input audio connectors: Line In: Analog. 3.5 mm stereo mini-jack
audio compression formats: AAC
Synchronization interface (connectors): Genlock/Timecode (BNC)
Network interface: RJ45 (10/100/1000 Mbps Ethernet port)
Network protocols: NDI HX2/3, FreeD, RTSP, RTMP, RTMPS, SRT, VISCA over IP, ONVIF
Serial control interfaces: RS-232 (8-pin MiniDIN IN & OUT), RS-422/RS-485 (9-pin Phoenix IN), IR
Serial control protocols: VISCA, PELCO-D, PELCO-P
Power Supply Connector: HEC3800

AI functions

Tracking modes: Subject tracking, Area tracking (4 tracking areas), Hybrid tracking, Auto-framing
Lens selection: Available (via web interface only)
Privacy mask: Available (via web interface only)
Gesture control: 5 gestures (enable/disable tracking, change target, zoom in/out)



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