



Broadcaster Pro 25X NDI 3G



P/N: PRC-425NB / PRC-425NW

The Broadcaster Pro is equipped with a 1/1.8-inch CMOS sensor that delivers high-resolution 4K video at 60 fps, allowing you to capture images with exceptional sharpness and clarity. With a 25x optical zoom and 16x digital zoom, this camera ensures that every detail is captured with precision, even in challenging shooting environments.

Main features

| | | | | |
|------------------------------|------------------|----------------------|------------------------|-------------------------------|
| Auto-Tracking through AI | 4K at 60 fps | 25X optical zoom | 1/1.8" CMOS sensor | HDMI, USB 3.0, IP, 3G SDI |
|------------------------------|------------------|----------------------|------------------------|-------------------------------|



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



Central offices:
Av. Cerro del Águila, 3, 1B2.
S.S. de los Reyes 28703
Madrid - Spain

US Office:
2480 Presidential Way,
unit 1104, West Palm Beach, FL.
Main office number: 561-925-5242
US Toll Free: 844-513-1770

(*) 6-year "Prime Support" warranty for products in the C-Pro, Broadcaster, and Broadcaster Pro families. Broadcaster Pro the purchase is registered on the Laia website within 2 months of the purchase date.

Broadcaster Pro NDI 3G Specifications | P/N: PRC-425NB / PRC-425NW

Image parameters

Resolution: HDMI: 4K60/59.94/50/30/29.97/25, 1080p60/59.94/50/30/30/29.97/25, 720p60/50, 3G-SDI: 1080p60/59.94/50/30/30/29.97/25, 1080i60/59.94/50/50, 720p60/50

Image sensor: SONY 1/1.8" CMOS

Pixels: 8.50 Megapixels, 8.29 Effective Megapixels

Scan mode: Line by line

Lenses: 25X Optical Zoom, f=7.1(W)~171.95mm(T)

Horizontal angle of view: 59.2°(W)~2.5°(T)

Vertical angle of view: 34.6(W)~1.4(T)

Iris: F1.61~F5.19

Focus system: Auto, Manual

Shutter speed: 1/50s~1/10000s

Minimum illumination: 0.1Lux

Exposure: Auto, Manual, Iris priority, Shutter priority, Brightness priority.

White Balance: Auto, Indoor, Outdoor, Keying, Auto Tracking.

Backlight compensation: Supports

DNR: 2D&3D Digital Noise Reduction

S/N Ratio: ≥50dB

Pan/Tilt

Pan angle: -171°~+171°

Tilt angle: -30°~+90°

Panning speed: 0.1°/S~120°/S

Tilt speed: 0.1°/S~120°/S

Preset positions : 9 preset positions via infrared remote control, 200 preset positions via joystick control or PC.

Preset accuracy : 0.1°±10%

Flip: Supports

Image freezing: Supports

POE+: Supports, 802.3at

USB

Protocol: UVC1.1.1, UAC1.0

Operating System: Windows7 and above, MacOS, Linux, Android

Video Compression: YUY2, MJPEG

Frame Rate: Max.60

UVC Control: Support

LAN

Protocol: TCP/IP, HTTP, RTSP, RTMP, RTMPS, SRT, Onvif, DHCP, VISCA Over IP, NDI@HX3, FreeD.

Video compression: H.264, H.265

Code stream: Main code stream*1, Sub code stream*1.

Main resolution: 3840X2160, 1920X1080, 1280X720 (p60/50/40/30/25/20/15/10/5/3)

Sub stream resolution: 640X480, 640X360, 480X360, 352X288, 320X240, 176X144 (p60/50/40/30/25/20/15/10/5/3)

Bit rate control: VBR, CBR

Audio (*)

audio compression: AAC

Sampling frequency: 48K, 44.1K

Interface

HDMI Interface: 1 Line, HDMI: Version 2.0

SDI Interface: SDI Interface

USB Interface: 1 Line, USB3.0, Type-B Socket

Network Interface: 1 Line, RJ45: 1000M adaptive Ethernet port



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Audio Interface: 1 Line, Line In, 3.5mm

Serial Interface: 1 Line, RS232 IN/Out: 8-Pin Mini Din, up 30 meters, VISCA/Pelco-D/Pelco-P Protocol. 1 Line, RS422/485: 9-Core Phoenix Interface, up 1200 meters, VISCA/Pelco-D/Pelco-P Protocol.

Power Interface: IEC 60130-10 Type A

General Specifications

Tally Light: Yes

Input voltage: DC 12V

Output voltage: Max.1.3A

Power consumption: Max.9.5W

Operating temperature: 0~40°C

Storage temperature: -10~60°C

Color: Black

Measurements: (W)158X(D)193X(H)208mm

Weight: 2.0kg

Accessories: DC 12V power adapter, IR Remote, User manual, USB3.0 Cable, RS-232C Cable

AI functions

Smart Control: ON/OFF

Smart App Mode: Auto Framing/AI Tracking

Gesture control: ON/OFF

AI Reload: ON/OFF



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