

4/3 Inch 4KP60 PTZ Camera

PBC-120



Full NDI
Dante AV-H™
SRT



Features

- 4/3-inch high-end CMOS sensor, 20x professional 4K optical zoom lens with a maximum field of view of 71°;
 - Simultaneous output of 4K60 UHD video for both close-up view and full-view;
 - Excellent PDAF, CDAF, and Face AF algorithms for fast, accurate, and stable focusing;
 - Supports 12G-SDI, 3G-SDI, HDMI2.0, Gigabit POE network port, and USB3.0;
 - Supports 1 RS-232/422 control;
 - Front and rear dual Tally lights assist in indicating the status of the video stream ;
 - Supports broadcast frame rates of 59.94/29.97 fps;
 - Supports Gen Lock external synchronization;
 - Supports Time Code;
 - Supports external SD card;
 - Supports Free D protocol, NDI HX3, Dante AV-H, and SRT for quick integration into the client's professional AV system;
 - Supports WEB UI for remote and convenient camera configuration;
 - Built-in advanced deep learning AI algorithms to ensure stable tracking effects and accurate posture recognition;
- Optional Full NDI, HDBaseT, and Fiber.

Technical Data

Tracking Camera

Image Sensor
4/3" CMOS, 20MP

ND Filter
Switchable: 1/64, 1/16, 1/4, 1

Maximum Resolution
4K60

Optical Zoom
20x

Digital Zoom
16x

Field of View
HFOV: 71° ~ 4°

Focal
f=9.8mm ~ 186mm

Iris
F2.8 ~ F4.5

Full View Camera

Image Sensor
1/1.8" CMOS, 8.46MP

Maximum Resolution
4KP60

Lens
f=4.4mm; F2.0

HFOV
85°

PTZ

Pan
-170° ~ +170°, 0.05° ~ 120°/s

Tilt
-30° ~ +90°, 0.05° ~ 90°/s

Preset Number
256

General

Power
DC12V, 5A

Indicator Light
Power light, status light, dual Tally lights

Menu
Support

Installation Method
Upright, inverted (panoramic lens adjustable ±20°)

Remote Control Range
15m, dual infrared in front and rear of camera

Dimensions(L×W×H)
239mm*208mm*291mm

Interface

SDI

1×12G-SDI, with audio
4KP60/P59.94/P50/P30/P29.97/P25; 1080P60/P59.94/P50/P30/P29.97/P25; 1080i60/i59.94/i50; 720P60/P59.94/P50/P30/P29.97/P25;

1×3G-SDI, with audio
1080P60/P59.94/P50/P30/P29.97/P25; 1080i60/i59.94/i50; 720P60/P59.94/P50/P30/P29.97/P25;

USB

1×USB3.0 Type-A (compatible with HOST), supports audio output UAC, supports RGB 420 color space
USB3.0 compatible with USB2.0:
UVC supports UVC1.1 protocol; UVC video formats supported: H.264/H.265/MJPEG; 4KP60/P50/P30/P25; 1080P60/P50/P30/P25; 720P60/P50/P30/P25; 360P60/P50/P30/P25;

YUY2/NV12: 1080P30/P25; 720P30/P25; 360P30/P25

Time Code

1×BNC input

HDMI

1×HDMI 2.0, supports audio output, supports YUV/RGB 444 (8-bit), YUV 422 (10-bit), YUV 420 (8-bit)
4KP60/P59.94/P50/P30/P29.97/P25; 1080P60/P59.94/P50/P30/P29.97/P25; 1080i60/i59.94/i50; 720P60/P59.94/P50/P30/P29.97/P25

Network

1×RJ45, 100M/1000M, support POE, capable of AAC/G.711 audio output
Video formats supported: H.264, H.265, MJPEG;
4KP60/P50/P30/P25; 1080P60/P50/P30/P25; 720P60/P50/P30/P25; 360P60/P50/P30/P25;

Network protocols: RTSP, RTMP, RTMPS, Visca Over IP, ONVIF, SRT, NDI HX2, NDI HX3, Dante AV-H;

Supports dual-stream output for main and sub streams;

Supports WEB UI, CGI, HTTP

Gen-Lock
1×BNC external sync Gen-Lock interface

SFP

1×Fiber optic interface, configurable as 12G-SDI

Optional (POE supported)
1×Optional Full NDI
1×Optional SDVoE
1×Optional HD-BaseT

Audio Interface
2×Audio Input XLR sockets with phantom power support; Supports ACC/UAC; Sampling rates supported: 16k, 32k, 48k

Reset Button
Long press to restore factory settings

Control Interface
1×RS-232/422, supports Visca, Pelco-P, Pelco-D command protocols

Security Lock Slot
1×Kensington Lock

TF Card
Supports 1×external Micro SD, up to 2TB storage capacity