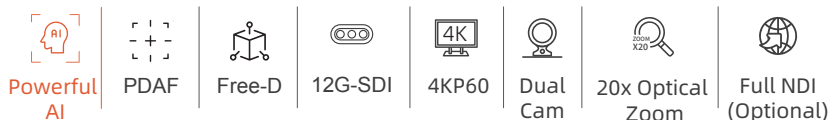


4/3 Inch 4KP60 Dual Cam PTZ Camera

PBC-120



Full NDI
Dante AV-H™
SRT



Gen Lock
Time Code

Features

- 4/3-inch high-end CMOS sensor, 20x professional 4K optical zoom lens with a maximum HFOV of 71°;
- Simultaneous output of 4K60 UHD video for both close-up view and full-view;
- Supports broadcast frame rates of 59.94/29.97 fps;
- Excellent PDAF, CDAF, and Face AF algorithms for fast/accurate/stable focusing;
- Support ND filters for better image quality;
- Support 12G-SDI, 3G-SDI, HDMI 2.0, Gigabit POE network port, and USB3.0;
- Front and rear dual Tally lights in indicating the status of the video streams ;
- Gen Lock external synchronization;
- Supports Time Code;
- External SD card support for one-touch recording;
- Free D protocol for virtual studio setups; NDI HX3, Dante AV-H, and SRT;
- 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, or SDVoE.

Technical Data

Tracking Camera

Image Sensor

4/3" CMOS, 20MP, up to 4KP60

ND Filter

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

Optical Zoom

20x

Digital Zoom

16x

Field of View

HFOV: 71° ~ 4°

Len

f=9.8mm ~ 186mm, F2.8 ~ F4.5

PTZ

Pan

-170° ~ +170°, 0.05° ~ 120°/s

Tilt

-30° ~ +90°, 0.05° ~ 90°/s

Preset Number

256

Interface

SDI

1 x 12G-SDI with audio output; up to 4KP60/P59.94/P50; 1080i60/i59.94/i50;
1 x 3G-SDI with audio output; up to 1080P60/P59.94/P50; 1080i60/i59.94/i50;

USB

1 x USB 3.0 Type-A (compatible with HOST), UAC and UVC 1.1, RGB 420; UVC video formats: H.264/H.265/MJPEG: up to 4KP60; YUY2/NV12: up to 1080P30;

Time Code

1x BNC input

Gen- Lock

1 BNC external synchronization Gen-Lock interface

Full View Camera

Image Sensor

1/1.8"CMOS, 8.46MP, max 4KP60

Lens

f=4.4mm; F2.0

HFOV

85°

Image

Focus

PDAF, CDAF, Face AF

Image Mode

One-click switching between multiple image modes

Wide Dynamic Range

Dynamic Range: 0/1/2/3/4/5

Metering Mode

Top, Bottom, Center, Average, Left, Right

HDMI

1 x HDMI 2.0, with audio output, YUV/RGB 444 (8bit), YUV 422 (10bit), YUV 420 (8bit), up to 4KP60/P59.94/P50; 1080i60/i59.94/i50;

Network

1 x RJ45, 100M/1000M adaptive Ethernet port, standard POE, with audio output AAC/G.711 Video formats: H.264/H.265/MJPEG; up to 4KP60; Network protocols: RTSP/RTMP/RTMPS/Visca Over IP/ONVIF/SRT/NDI HX2/NDI HX3/Dante AV-H; Dual output for main and sub streams; WEB UI, CGI, HTTP

General

Power

DC12V, 5A

Indicator Light

Power light, status light, dual Tally lights

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

SFP

1 x optical fiber interface, configurable to 12G-SDI

One of Three Options

Optional Full NDI, HDBaseT or SDVoE;
Full NDI, with audio output and POE++;
SDVoE, with audio output and POE++;
HD-BaseT, with audio output and POE++

Audio Interface

2 x Audio-Input XLR Connectors, with Phantom Power; ACC/UAC; Sample Rates: 16k, 32k, 48k

Reset Button

Restore Factory Settings

Control

1 x RS-232/422 Port, Supporting Visca/Pelco-P/Pelco-D

Security Lock Slot

1 x Kensington Lock

Memory Card

1 x external Micro SD slot, with a maximum storage 2TB.