

# 4/3 Inch 4KP60 PTZ Camera

PBC-120



Full NDI  
Dante AV-H™  
SRT



## Features

- 4/3" CMOS sensor, 20x 4K optical zoom, up to 71° FOV;
- Supports 4K60 UHD video for close-ups and panoramas;
- Interfaces: 12G-SDI, 3G-SDI, HDMI 2.0, Gigabit POE, USB 3.0;
- 1x RS-232/422 control;
- Dual Tally lights for live broadcast status;
- Frame rates: 59.94/29.97;
- Gen Lock for synchronization;
- Free D protocol for virtual broadcasting, compatible with NDI HX3, Dante AV-H, SRT;
- WEB UI for remote configuration;
- Advanced PDAF, CDAF, Face AF algorithms for fast, accurate focusing;
- Built-in deep learning AI for stable tracking and posture recognition;
- Optional Full NDI, HDBaseT, Fiber connectivity.

## 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

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

1x 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;

#### USB

1x 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

1x BNC input

#### HDMI

1x 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

1x 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**  
1x BNC external sync  
Gen-Lock interface

#### SFP

1x Fiber optic interface, configurable as 12G-SDI or Full NDI1 × RS-232, 1 × RS-422

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

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

**Reset Button**  
Long press for 5 seconds to restore factory settings

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

**Security Lock Slot**  
1x Kensington Lock

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