

SDCOG5

4K@60 Dual-Cam AI Tracking PTZ Camera



Overview

The SDCOG5 4K60 Dual-Cam AI Tracking PTZ Camera features a high-quality 1/2.8-inch CMOS sensor and UHD lens, delivering 4K@60 video. With up to 30× optical zoom, it captures clear and detailed images even in large spaces or long-distance scenarios.

The camera adopts an innovative dual-camera AI tracking design, combining a wide-angle camera for subject detection and a PTZ zoom camera for precise tracking and close-up capture. This allows the system to maintain stable and accurate tracking while delivering high-quality framed shots.

Supporting HDMI, SDI, USB and IP streaming, including RTSP, RTMP, ONVIF and optional NDI® | HX3, the camera integrates easily into professional AV systems. PoE power and Web UI management make installation and configuration simple and efficient.

Key Features

- Support dual-camera AI tracking system
 - Support wide-angle detection + PTZ tracking
 - Support 4K UHD video up to 60fps
 - Support 1/2.8" high-quality CMOS sensor
 - Support up to 30× optical zoom
 - Support AI auto framing function
 - Support lecturer tracking mode
 - Support gesture control tracking
 - Support HDMI / SDI / USB video outputs
 - Support RTSP / RTMP / ONVIF streaming
 - Support optional NDI® | HX3 protocol
 - Support VISCA / Pelco-P / Pelco-D control
 - Support Power over Ethernet (PoE)
 - Support Web UI remote management
 - Support high-precision pan-tilt control

Model Name	SDC0G5-B12/B12N	SDC0G5-B20/B20N	SDC0G5-B30/B30N
Sensor	1/2.8-inch high-quality CMOS sensor		
Effective Pixels	16: 9 aspect, 8.46 MP		
Resolution	HDMI: Up to 3840 x 2160@60 RJ45 (RTSP, RTMP, VISCA Over IP, ONVIF, SRT, NDI HX3): Up to 3840 x 2160@60 SDI: Up to 1920 x 1080@60 UVC: Up to 3840 x 2160@30		
Focal	F = 3.4mm ~ 40.3mm	F = 5.2mm ~ 106mm	F=5.2 ~ 156mm
	Full View Camera: F=2.8mm		
Iris	F1.8 ~ F3.6	F1.6 ~ F3.5	F1.6 ~ F5
	Full View Camera: F2		
Optical Zoom	12x optical zoom	20x optical zoom	30x optical zoom
	Full View Camera: H: 9.4° V: 62°		
HFOV	81° ~ 7.6°	56.5° ~ 2.8°	56.5° ~ 1.9°
Pan Rotation	±130°, 0.1° ~ 80°/s		
Tilt Rotation	-30° ~ +90°, 0.1° ~ 60°/s		
Shutter Speed	1/25s ~ 1/10000s		
Noise Reduction	2D & 3D DNR		
Camera Control	VISCA/PELCO-P/PELCO-D		
Optional NDI	Yes		
External Power Supply	DC12V/1.5A < 18W, PoE Supported		
Warranty	2 years		
Operating Temperature Range	0°C ~ +40°C		
Operating Humidity Range	10%RH ~ 90%RH		
Storage Temperature Range	-20°C ~ 60°C		
Storage Humidity Range	10%RH ~ 95%RH		
Dimension	245mm x 145mm x 165mm		
Weight	1.8KG		

Models and Scales

Models	Optical Zoom	Video Interface	NDI	PoE
SDC0G5-B12/20/30	12x/20x/30x	SDI, USB2.0, HDMI, LAN	No	Yes
SDC0G5-B12N/20N/30N	12x/20x/30x	SDI, USB2.0, HDMI, LAN	Yes	Yes

Applications

