

Milestone Pro

MP-20HDAI

AI Auto Tracking PTZ Camera • Professional Specification Sheet



Product Highlights

AI Auto Tracking	Human-detection AI automatically tracks the presenter with Pan, Tilt and Zoom.
Full HD 1080P	Maximum video output up to 1080P at 60fps.
20X Optical Zoom	20X optical zoom; f=4.6mm-92mm lens; F1.8-F3.6 aperture.
Multiple Video Interfaces	USB 3.0, HDMI, RJ45 and SDI.
IP & Streaming	NDI HX2, SRT, TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP and Multicast.
Professional Control	VISCA, Pelco-D and Pelco-P via RS232/RS485/network control.
255 Presets	Up to 255 preset positions with 0.1° preset accuracy.
Low-Light Performance	0.5 Lux minimum illumination and ≥50dB SNR.

Camera & Optical Specifications

Model No.	MP-20HDAI
Sensor	1/2.8" CMOS
Effective Pixels	2.07MP
Video Signals	1080P60 / 59.94 / 50 / 30 / 29.97 / 25; 1080i60 / 59.94 / 50; 720P60 / 59.94 / 50
Optical Zoom	20X
Digital Zoom	8X
Lens	f=4.6mm ~ 92mm
Aperture	F1.8 ~ F3.6
Horizontal Angle	62.3° ~ 3.46°
Vertical Angle	36.1° ~ 1.92°
Diagonal Angle	69.5° ~ 3.86°
Signal Standard	NTSC / PAL

Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Supported
Noise Reduction	2D & 3D Digital Noise Reduction
Minimum Illumination	0.5 Lux @ F1.8, AGC ON
SNR	≥50dB

PTZ & Control

Horizontal Rotation	350° (±175°), 0.1°/s ~ 100°/s
Vertical Rotation	180° (±90°), 0.1°/s ~ 80°/s
Control Protocol	VISCA / Pelco-D / Pelco-P
Baud Rate	2400 / 4800 / 9600 / 19200 / 38400
Control Interface	RS232 / RS485 / USB / NET
USB Protocol	UVC 1.1
Preset Positions	255
Preset Accuracy	0.1°
H & V Flip	Supported
Image Freeze	Supported
PoE	Supported