MN-PTZ

Functions & Features

MN-PTZ series camera offers perfect functions, superior performance and rich interfaces.
The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution and fantastic color rendition. It supports H.264/H.265 encoding which makes motion video fluent and clear even under less than ideal bandwidth conditions.

Key Features

- **Superb High-definition Image**
MN-PTZ employs 1/2.8 inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 60fps.

- **Leading Auto Focus Technology**
Leading auto focus algorithm makes lens a fast, accurate and stable auto-focusing.

- **Low Noise and High SNR**
Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.

- **Audio Input Interface**
Supports 16000, 32000, 44100, 48000 sampling frequency and AAC,MP3,PCM audio coding.

- **Wide-range, Quiet and Quick Pan/Tilt Mechanism**
By adopting step driving motor mechanism, MN-PTZ camera works extremely quiet and moves smoothly .

- **Multiple Audio/Video Compression**
Supports H.264/H.265 video compression; AAC, MP3 and PCM audio compression; Supports compression of resolution up to 1920x1080 with frame up to 60fps and 2 channel 1920x1080p with 30fps compression.

- **Multiple Network Protocol**
Supports ONVIF, RTSP, RTMP and NDI (optional) protocols and supports RTMP push mode, easy to link streaming media servers (Wowza, FMS)

- **RS-232 Cascade Function**
Supports RS-232 cascade function which is convenient for installation.

- **Wide Application**
Tele-education, Lecture Capture, Webcasting, Videoconferencing,Tele-training,Tele-medicine, Interrogation and Emergency command systems.

- **Low-power Sleep Function**
Supports low-power sleep/wake up, the consumption is lower than 400mW under sleep mode.

S.C. Multi*NET* S.R.L.
Romania, Baia Mare, Bd. Unirii Nr.11 A/J, Cod: 430271
Tel. 0262-222201, Fax: 0262-220729
arpi@multinet.ro , www.videocapture.multinet.ro
R.C.: J24 / 1183 / 1994, C.U.I.: RO 5783680

26 Ani de Buna Practica in MULTI*media*&*NET*working	IBAN: RO87 BTRL 0250 1202 A485 12XX Baia Mare	RO-3934 RO-9078	Nr.9078 26-6-2015	Nr.3934 26-6-2015

Model	MN-PTZ-05	MN-PTZ-10	MN-PTZ-12	MN-PTZ-20	MN-PTZ-30
Camera & Lens Parameters					
Sensor	1/2.8 inch high quality HD CMOS sensor				
Effective Pixels	16: 9, 2.07 megapixel				
Video Format	1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/30/25/59.94/29.97				
Optical Zoom	5X f=3.1～15.5mm	10X f=4.7～47mm	12X f=3.9～46.8mm	20X f=5.5～110mm	30X f=4.3～129mm
View Angle	20°(tele)--83.5°(wide)	6.43°(tele)--60.9°(wide)	6.3°(tele)--72.5° (wide)	3.3°(tele)--54.7° (wide)	2.34°(tele)—65.1° (wide)
AV	F1.8 – F2.8	F1.6 – F3.0	F1.8 – F2.4	F1.6 – F3.5	F1.6 – F4.7
Digital Zoom	10X				
Minimum Illumination	0.5Lux (F1.8, AGC ON)				
DNR	2D & 3D DNR				
White Balance	Auto / Manual/ One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K				
Focus	Auto/Manual/One push focus				
Electronic Shutter	Auto/Manual				
BLC	ON/OFF				
WDR	OFF/ Dynamic level adjustment				
Video Adjustment	Brightness,Color,Saturation,Contrast,Sharpness,B/W mode,Gamma curve				
SNR	>55dB				
Input & Output Interfaces					
Interfaces	3G-SDI, HDMI, LAN, RS232(input & output), RS485,A-IN				
Image Stream	Double stream output				
Video Compression Format	H.264, H.265				
Control Protocol	VISCA/Pelco-D/Pelco-P;Baud Rate:115200/9600/4800/2400bps				
Audio Input Interface	A-IN：Double track 3.5mm linear input				
Audio Compression Format	AAC/MP3/G.711A				
Network Interface	100M IP port(100BASE-TX) 5G WiFi (optional) .				
Network Protocol	RTSP,RTMP,ONVIF,GB/T28181,NDI(Optional), Network VISCA Control Protocol,Support remote upgrade, reboot and reset.				
ControlInterface	RS232 (input & output),RS485				
Power Interface	HEC3800 outlet (DC12V),2pin waterproof aerial socket (RF model)				
Power Adapter	Input: AC110V-AC220V. Output: DC12V/1.5A				
Input voltage	DC12V±10%				
Input current	1A (Maximum)				
Power Consumption	12W(Maximum)				
PTZ Parameters					
Pan/Tilt Rotation	±170°,-30°～+90°				
Pan Control Speed	0.1 -60°/sec				
Tilt Control Speed	0.1-30°/sec				
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec				
Preset Number	255 presets (10 presets by remote controller)				
Other Parameters					
Storage Temperature	-10℃～+60℃				
Storage Humidity	20%～95%				
Working Temperature	-10℃～+50℃				
Working Humidity	20%～80%				
Dimension	150mm×150mm×180mm(RF model)				
Weight (around)	1.4KG				
Using environment	Indoor				
Accessories	12V/1.5A power supply, remote controller				

IBM Advanced Business Partner 2019
Lexmark Authorised Premium Partner 2019
HP Silver Partner 2019
Gold Partner Service&Sales 2019
Dealer Autorizat