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|  | S.C. MultiNET 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 |  |  |  |
| | | | RO-3934 RO-9078 | Nr.9078 26-6-2015 |
| 26 Ani de Buna Practica in MULTImedia&NETworking | IBAN: RO87 BTRL 0250 1202 A485 12XX Baia Mare | | | |

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

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| <ul style="list-style-type: none"> ● 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 . | <ul style="list-style-type: none"> ● 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. |
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|  IBM Advanced Business Partner 2019 |  Lexmark Authorised Premium Partner 2019 |  HP Silver Partner 2019 |  TOSHIBA Leading Innovation >>> Gold Partner Service&Sales 2019 |  2019 |  matrox Digital Video Solutions Dealer Autorizat |
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| 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 MN-PTZ-UHI | USB 3.0, USB 2.0, HDMI, LAN, RS232(input & output), RS485,A-IN | | | | |
| Interfaces MN-PTZ-SHI | 3G-SDI, HDMI, LAN, RS232(input & output), RS485,A-IN | | | | |
| Interfaces MN-PTZ-NDI | NDI/LAN, 3G-SDI, HDMI, 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), VISCA,Support remote upgrade, reboot and reset. | | | | |
| ControlInterface | RS232 (input & output),RS485 | | | | |
| 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°C~+60°C | | | | |
| Storage Humidity | 20%~95% | | | | |
| Working Temperature | -10°C~+50°C | | | | |
| 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 | | | | |

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