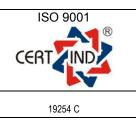


S.C. MultiNET S.R.L. Romania, Baia Mare, Bd. Unirii Nr.11 A/J, Cod: 430271 Tel. 0262-222201, Fax: 0262-220729 <u>arpi@multinet.ro</u>, <u>www.videocapture.multinet.ro</u> R.C.: J24 / 1183 / 1994, C.U.I.: RO 5783680 IBAN: R087 BTRL 0250 1202 A485 12XX Baia Mare



MN-PTZ-AT



Functions & Features

The **MN-PTZ-AT** series cameras have perfect functions, superior performance and rich video output interfaces; featuring advanced ISP processing algorithms; offering vivid and high resolution video with a strong sense of depth and fantastic color rendition. H.264/H.265 encoding is supported, which makes motion video more fluent and clear under lowbandwidth conditions.

Key Features

They i calcies						
Full HD Reso			Multiple Audio			
	ality CMOS sensor. Resol		Supports H.264/H.265 video compression; AAC, MP3			
to 1920x1080 with frame rateup to 60 fps.					ports compression	
		c	of resolution up to	1920x1080 with	n frame up to 60fps	
Multiple Optical Zoom Lens		a	and 2nd channel 1920x1080p with 30fps compression.			
Various models with 12x/20x/30x optical zoom lens.		om lens.				
	·		Multiple Network	ork Protocol		
Leading Auto	Focus Technology	5	Supports ONVIF, GB/T28181, RTSP, RTMP,			
Leading auto focu	s algorithm makes lens a	fast, \	VISCAoverIP, RTMPS, SRT protocols; Supports			
accurate and stab	le auto-focusing.	F	RTMP push mode, easy to be connected to streaming			
		s	server (Wowza, FMS); Supports RTP multicast mode.			
Low Noise and High SNR			•			
Low Noise CMOS effectively ensures high SNR of			Control Interface			
	vanced 2D/3D noise reduc		Supports RS-232 cascade function which is			
technology is also	used to further reduce the	e noise, 🛛 🔾	convenient for insta	allation. RS422	is compatible with	
while ensuring ima	age sharpness.	É F	RS485, RS232-IN, RS232-OUT.			
Multiple video output interfaces			Multiple Control Protocol			
HDMI, SDI, LAN.	Simultaneously output aud	dio and	Supports VISCA, PELCO-D, PELCO-P protocols;			
video signal via HDMI, SDI and LAN.			Supports automatic identification protocols.			
LAN interface supports POE, USB 3.0 supports dual						
code stream, SDI supports transmission up to 100m			 USB 3.0 Support Dual Coding Stream 			
under 1080p60 format			Supports main stream and sub-stream, and			
			simultaneous output; support YUY2, MJPEG, H.264,			
Al Human Detection			NV12, H.265 video coding format.			
Built-in high-speed processor and advanced image				U		
processing and analysis algorithms, users can choose			Built-in Gravity Sensor			
real-time tracking and regional tracking according to			Supports PTZ auto-flip function and easy installation.			
the environment.		U		·	,	
			Wide Application			
Quiet Pan / Tilt Movement		r	Tele-education, Lecture Capture, Webcasting,			
With high accuracy step driving motor, camera can			Videoconferencing, Tele-training, Tele-medicine,			
pan / tilt extremely quiet and smooth.			nterrogation and E			
	- 174		TOSHIBA		-	
Business Partner	🔀 Lexmark	Partner	Leading Innovation >>>	(intel)	maker	
IBM Advanced	Lexmark Authorised Premium	HP Silver Partner	Gold Partner	Technology	MOLLOX	
Business Partner 2021	Partner 2021	2021	Service&Sales	Provider	Digital video Solutions	
			2021	Gold	Dealer Autorizat	



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Camera Parameter				
Parameter/Model	12X	20X	30X	
Focus	3.9 46.8mm	5.2 98mm	4.3 129mm	
	6.3° (N)	3.2° (N)	2.34°(N)	
FOV	72.5° (W)	56° (W)	65°(W)	
Aperture Value	F1.8 F2.4	F1.5 F3.0	F1.6 F4.7	
Effective Pixels	2.07, 1/2.8-inch high-quality CMOS sensor			
Video Format	HDMI/SDI: 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P59.94; USB3.0: main stream: YUY2/NV12: 1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/320× 180@30/25/20/15/10/5fps; MJPG/H264: 1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/720 ×480/640×360/640×480/480×270/352×288/320×240@30/25/20/15/10/5fps; Sub-stream: YUY2/NV12: 1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/320× 180@30/25/20/15/10/5fps; MJPG/H264: 1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/320× 180@30/25/20/15/10/5fps; MJPG/H264: 1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/720			
Minimum	0.5Lux(F1.8, AGC ON)	/480×270/352×288/320×240	<i>@50/25/20/15/10/51</i> ps,	
illumination				
DNR	2D & 3D	2D & 3D		
AWB	Automatic, manual, one-	Automatic, manual, one-key white balance, specified color temperature		
Focus mode	Automatic, manual, one-key focus			
Exposure mode	Auto, manual, shutter pr	Auto, manual, shutter priority, aperture priority, brightness priority		
Iris value	F1.8 F11, CLOSE	F1.8 F11, CLOSE		
Shutter Speed	1/25 1/10000			



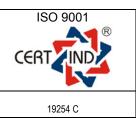
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IBAN: RO87 BTRL 0250 1202 A485 12XX	Baia Mare

BLC	on/off		
Dynamic range	Off, 1 8		
Image adjustment	Brightness, chroma, saturation, contrast, sharpness, black and white mode, gamma		
SNR	≥50dB		
AI Function & Perfor	mance		
Real-Time Tracking	Maximum Tracking Range: 6-7 meters. Support speakers to walk at a speed of 3-4 meters		
Regional Tracking	Maximum Tracking Region: 4. Support set the region within horizontal $-170^{\circ} \sim +170^{\circ}$ and vertical $-30^{\circ} \sim +90^{\circ}$		
Interface			
Product	HDMI, LAN(POE), USB3.0(B Type Compatible with USB2.0), SDI-IN, RS232-IN,		
Interface	RS232-OUT, RS422 (Compatible with RS485), Rotary Switch, DC12V Power,		
Video Encoding	LAN Interface: Support main stream and sub-stream H.265, H.264		
Format	USB3.0 Interface: main stream support YUY2, MJPG, H264, NV12		
Audio input interface	Dual channel 3.5mm linear input		
Audio output interface	HDMI, SDI, LAN, USB3.0		
Audio compression	AAC, MP3, G.711A		
	10M/100M/1000M adaptive Ethernet port, support POE power supply, support audio and		
LAN interface	video output		
Network	RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT		
protocol	Support remote upgrade, remote restart, remote reset		
Control Interface	RS232-IN, RS232-OUT, RS422 compatible with RS485		
Serial communication protocol	VISCA/Pelco-D/Pelco-P; support baud rate 115200/38400/9600/4800/2400		
USB communication protocol	UVC (video communication protocol), UAC (audio communication protocol)		

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IBAN: RO87 BTRL 0250 1202 A485 12XX Baia Mare

Power interface	HEC3800 Power socket (DC12V)		
Power adapter	Input AC110V-AC220V; output DC12V/2.5A		
Input voltage	DC12V±10%		
Input currency	<1A		
Consumption	<12W		
PTZ			
Pan rotation	-170° +170°		
Tilt rotation	-30° +90°		
Pan speed	0.1°/s 100°/s		
Tilt speed	0.1°/s 45°/s		
Preset speed	Pan: 100°/s, Tilt: 45°/s		
Preset	Maximum 255 preset positions can be set(10 via remote controls)		
quantity	•		
Other Parameter			
Storage	-10°C +70°C		
temperature			
Storage	20% 95%		
humidity			
Working	-10°C +50°C		
temperature			
Working	20% 80%		
humidity			
Dimension	181mm×115mm×149mm		
Weight	1.15kg		
Environment	Indoor		
Accessory			
Standard accessory	Power adapter, RS232 control line, USB3.0 connection line, remote control, manual		
Optional accessory	Ceiling mounting bracket, wall mounting bracket		

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