

5MP 30X Network AI PTZ Camera with 250m IR.

WNP-5030T-250R

WNP-5030T-250R is an advanced 5MP high resolution network PTZ Camera with powerful 30X optical zoom and 250m IR based night vision. This camera supports Auto Tracking for target follow-up and other Video Analytic functions. This AI PTZ camera has 2-way Audio functionality with Audio In/Out interfaces. This Camera supports 120dB True WDR and supports on-board Micro-Sd card of upto 512Gb. In addition, this Full Metal Body Network PTZ camera supports PoE+, wide operating temperature of -40°C ~ 70°C and 6000V lightning protection.

5MP

HD Resolution



Motion Detection



AI Functions



Supports Audio



PoE+



Upto 512GB

WNP-5030T-250R**SPECIFICATIONS**

Camera	
Image Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.001lux @ (F1.6, AGC ON), B/W: 0lux with IR
Shutter Time	1s~1/100000s
Day & Night	IR-cut filter with auto switch (ICR)
WDR	120dB
Lens	
Focal Length	4.7mm~141mm
Optical Zoom	30X
Digital Zoom	16X
Speed	<5s
Aperture Range	F1.6~F4.3
Field of View	61.9°~2.5°(H); 35.5°~1.4°(V); 69.1°~2.9°(D)
Focus Control	Auto/Semi-auto/Manual
Iris Control	Auto
Close Focus Distance	100mm~1500mm
DORI Distance	Detect: 2600m Observe: 1031m Recognize: 520m Identify: 250m
Pan & Tilt	
Pan Range	360°
Tilt Range	-16°~90° (Default -3°~90°)
Tilt Speed	Manual Speed:0.1°~120°/s Preset: 120°/s
3D Position	Yes
Preset	500
Cruise	16, up to 32 presets per cruise
Scan	8
Pattern	8, each with 600s memory or 1000 orders
Scheduled Task	Preset、Cruise、Scan、Pattern
North Point	Yes(Manual setting)
Power-offMemory	Yes
Illuminator	
IR LEDs	10
Distance	Up to 250m
Wavelength	850nm
IR Irradiation Angle	Adjustable by Zoom
Compression Standard	
Video Compression	S+265/H.265/H.264/M-JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8KHz/32KHz/48KHz

Image	
Max. Resolution	2880×1620@25fps
Main Stream	PAL:25fps(2880×1620, 2688×1520, 2560×1440, 2304×1296, 1920×1080, 1280×960, 1280×720) NTSC:30fps(2880×1620, 2688×1520, 2560×1440, 2304×1296, 1920×1080, 1280×960, 1280×720)
Sub Stream	PAL:25fps(704×576, 704×288, 352×288, 640×360) NTSC:30fps(704×480, 704×240, 352×240, 640×360)
Third Stream	PAL:25fps(1920×1080, 1280×960, 1280×720, 704×576, 640×480, 704×288, 352×288) NTSC:30fps(1920×1080, 1280×960, 1280×720, 704×480, 640×480, 704×240, 352×240)
BLC	Yes
HLC	Yes
AGC	Yes
White Balance	Yes
ROI	7 rectangular 3D fixed focus areas, supporting 1 rectangular dynamic tracking ROI
OSD	5 regions(Each region can have a maximum of 127 characters ,up to 5 lines); 16*16/24*24/32*32/48*48/64*64/96*96/adaptable size; Vector/Lattice
Defog	Yes
Flip	Normal/Horizontal Mirror/Vertical Mirror/Inverted Flip
Regional Exposure	Yes
Regional Focus	Yes
Demist	Yes
Privacy Mask	24 regions(Up to 4 blocks in the same scene)
Feature	
Alarm Trigger	Motion Detection; Mask Alarm; Disk Full; Disk R/W Error; Recording Exception; IP Address Conflict; MAC Address Conflict; FTP Server Exception ; Event Input,Event Output; Network cable disconnected
Linkage Method	Send email; trigger sound; trigger recording; trigger capture; notify surveillance center
Video Analytics	Human/Vehicle Classification; Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Lost; Heatmap; Loitering; Running; Parking; People Counting; Crowded; Safety Helmet Detection; On Duty Detection; Video Abnormal; Audio Abnormal
Auto-Tracking	Auto-Tracking
Face Mode	Capture facial images
Network	
ANR	ANR
Protocols	HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP v1\2\3; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS; SSL; 802.1x; QoS; IPv4; IPv6; PPPOE; SSH; Unicast; Multicast; ARP; RTP; SRTP; RTSP; FTP; SFTP; NAS; PING
System Compatibility	ONVIF Profile S/T/G/M; CGI; Milestone; RTMP
Remote Connection	≤7
User/Host	Up to 32 users. 4 user levels
Client	Available
Moblle Client	Available

Interface

Communication Interface	1*RJ45 10M/ 100M self adaptive Ethernet port
Audio I/O	1*Input Impedance 1k Ω ,2.0~2.4Vp-p; 1*Output Impedance 600 Ω
Alarm I/O	8,Switching; 2,Switching,Voltage $\leq$ DC24V,Current $\leq$ 1A
Reset Button	Yes
On-board storage	Built-in Micro SD card slot, up to 512 GB
RS-485	RS-485

General

Web Client Language	19 languages English/ Spanish/Italian/ Korean/Turkish/Russian/Thai/ Polish/French/Dutch/ Hebraism/Vietnamese/Arabic/German/ Ukrainian /Portuguese/Albanian
Operating Temperature	-40 $^{\circ}$ C~70 $^{\circ}$ C(IR OFF) -40 $^{\circ}$ C~40 $^{\circ}$ C(IR ON)
Operating Humidity	0-95%
Storage Temperature	-40 $^{\circ}$ C~70 $^{\circ}$ C
Storage Humidity	0-95%(non-condensing)
Power Supply	AC24V $\pm$ 25%\DC24V $\pm$ 10%; IEEE802.3BT
Protection	Surge protection 4000V; Lightning proof 6000V; IP66
Material	Metal
Boundary Dimensions	222mm(D)x372mm(H)
Package Dimensions	320(L)*320(W)*520(H)mm
GrossWeight	8.45kg
NetWeight	5.3Kg

DIMENSIONS (Unit: mm)

