WAVESYS

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Affordable IP-10 Camera Series

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2MP 32x PTZ

IP-10203PTZ

About the Camera : IP 10 Series cameras are affordable latest camera series by Wavesys. The IP 10 series cameras are integrated with Wavesys Open Platform Enterprise Level VideoManagement Software WVMS. Wavesys is a video-based business intelligence leader with deep knowledge of different applications of intelligent video across distinct verticals.

Key Features

- Full HD 1080P @30FPS
- True Day/Night & WDR
- 32x Optical zoom
- Power over Ethernet (IEEE 802.3af)
- H.265, H.264 and MJPEG compression
- Smart Motion Detection Technology
- IP67 and IK10 Environmental Housing
- CE, FCC, BIS & RoHS Certification

Application

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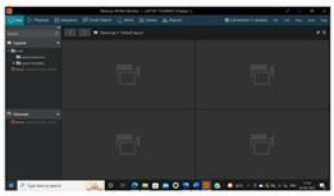
Key features of WVMS



WVMS Professional - Monitoring Console

WVMS Enterprise – Wall & Redundancy

WVMS Facial Recognition Module

WVMS Video Content Analytics

WVMS License Plate Recognition

WVMS Mobile Application

Specification

CAMERA	
Model	IP-10203PTZ
Image Sensor	1/2.8" STARVIS™ CMOS
Effective Pixels	1920(H) x 1080(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	Auto
Minimum Illumination	Color: 0.005Lux@F1.6 B/W: 0.0005Lux@F1.6
Lens	4.5 mm–144 mm, 32x Optical zoom,16x Digital zoom
Angle of View	H: 58.4°–3.0°; V: 33.4°–1.7°; D: 66.4°–3.4°
Shutter Time	Auto / Manual: 1/1 ~ 1/32,000, Anti-Flicker
Day & Night	Auto (ICR)/Color/B/W
Wide Dynamic Range	120 dB
Noise Reduction	2D; 3D
S/N Ratio	50 dB
VIDEO	
Video Compression	H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (Sub Stream1); Smart H.264+
Image Stabilization	Electronic Image Stabilization (EIS)
Multiple Profile Streaming Performance	Main stream: 1080P/1.3M/720P (1–25/30 fps) Sub stream 1: D1/VGA/CIF (1–25/30 fps) Sub stream 2: 720P (1–25/30 fps)
Max Resolution	1920 x 1080
Video Bit Rate	H.265/H.264: 3 kbps–20480 kbps
Bitrate Control	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
Digital Noise Reduction	3D-DNR
Privacy Mask	24 programmable zones
Region of Interest (RoI)	Yes
Other Image Processing	Configurable Exposure, White Balance, Sharpness
Image Orientation	Flip / Mirror / Corridor Mode
EDGE STORAGE	
Storage	Micro SD card (512 GB);FTP/SFTP; NAS) card not included)
AUDIO	
Audio Streaming	Two Way
Audio Compression	G.711,G.722
Audio input / output	1/1

EVENT	
Event Trigger	Motion Alarm, TemMotion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detectionperature critical, DI
Pre-Post Recording	Pre: 1~5 sec Post: 1~240 sec
Event Notification	FTP, E-mail, Alarm-out, SD card
NETWORK	
Ethernet Standard	10 / 100 / 1000Base-T
IP	IPv4
Protocol	FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; HTTP; SSL; DHCP; SMTP; Qos; RTSP; ARP
Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Plug In	ONVIF Profile S,G,T, CGI P2P
PTZ	
Pan / Tilt Range Pan	Tilt: 0° to +90°, auto flip 180 Pan: 0° to 360° endless
Pan/Tilt Speed	Pan: 0.1°/s–350°/s; Tilt: 0.1°/s–250°/s
Number of Preset	300 preset points
Power Off Memory	Yes
GENERAL	
Material	Aluminum Die-casting, White
External I/O Terminals	1 x Alarm In / 1 x Alarm Out
Housing Environmental Rating	IP67
Housing Impact Rating	IK10
Language on webpage	English
Power Source	24 VDC/2.5 A ± 25% (Included) PoE+ (802.3at)
Power Consumption	Basic: 12.8 W Max: 16 W
Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [AC24V / PoE] -40°C ~ 60°C (-40°F ~ 140°F)
Approvals	FCC, CE, RoHS,BIS
Weigh	1 kg
Dimensions (D x H)	Ø125mmx 116mm

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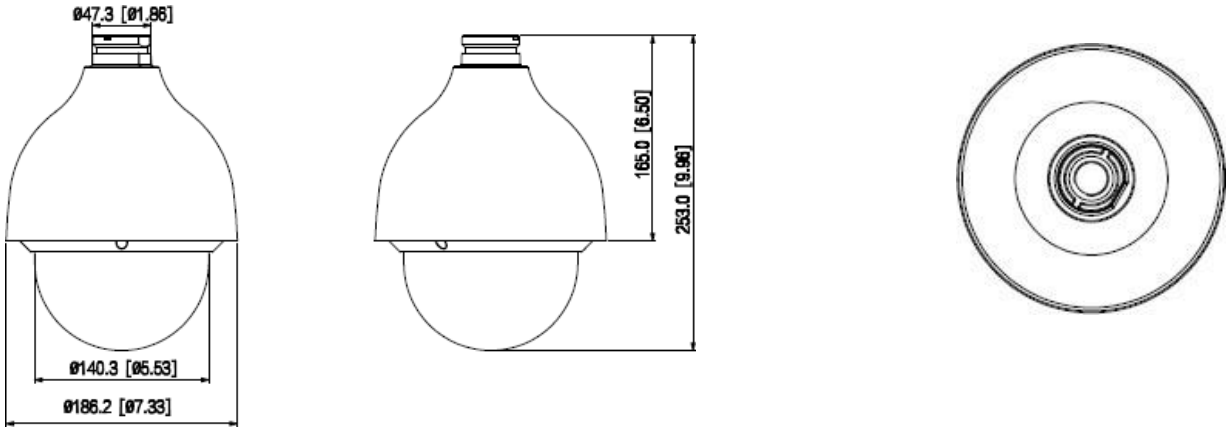
Dimensions



ACCESSORIES

W-WMB-4500T

W-CMB-4500T