

Affordable IP-10 Camera Series



4MP 37x IR PTZ Camera

IP-10403LPT37X





About the Camera : IP 10 Series cameras are affordable latest camera series by Wavesys. It is built on advanced system-on-chip technology ,NDAA Compliant and Sony Starvis Sensors. The IP 10 series cameras are integrated with Wavesys Open Platform Enterprise Level Video Management 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 4 MP @30FPS
- . True Day/Night & WDR
- . 37x Optical zoom
- . Power over Ethernet (IEEE 802.3af)

- . H.265, H.264 and MJPEG compression
- . Smart Motion Detection Technology
- . IP66 Environmental Housing
- . CE, FCC, BIS & RoHS Certification

Application













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Key features of WVMS



WVMS Professional - Monitoring Console



WVMS Video Content Analytics



WVMS Enterprise - Wall & Redundancy



WVMS License Plate Recognition



WVMS Facial Recognition Module



WVMS Mobile Application

Specification

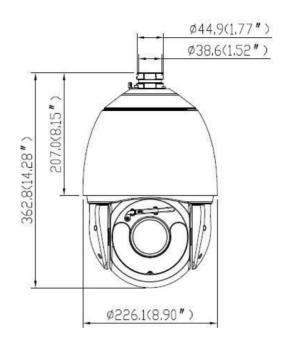
CAMERA	
Model	IP-10403LPT37X
Image Sensor	1/1.8" Progressive Scan CMOS
Effective Pixels	2592(H) × 1520(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	Auto /Manual
Minimum Illumination	Color: 0.001 Lux @ (F1.5, AGC ON), B/W: 0.0001 Lux @
	(F1.5, AGC ON), 0 Lux with IR
Lens	6.8 to 251 mm, 37x Optical zoom
Angle of View	H: 66.1° - 1.8°; V: 39.8° - 1.1°
Shutter Time	Auto/Manual, 1/5 to 1/20,000s
Day & Night	Auto (ICR)/Color/B/W
Wide Dynamic Range	True WDR,120 dB or above
Noise Reduction	2D; 3D
S/N Ratio	50 dB
IR Range	400m
VIDEO	
Video Compression	H.265, H.264, MJPEG
Image Stabilization	Electronic Image Stabilization (EIS)
Multiple Profile Streaming	Stream1: 2592×1520, 2304×1296, 1920×1080, 1280×720
Performance	@25/30fps
	Stream2: D1, VGA, CIF @25/30fps
	Stream3: VGA, CIF, QVGA @25/30fps
Max Resolution	2592(H) × 1520(V)
Video Bit Rate	500kbps to 16Mbps
Bitrate Control	Multi Streaming CBR/VBR
	(Controllable frame rate and Bandwidth)
Digital Noise Reduction	3D-DNR
Privacy Mask	Support 40 zones, mask color configurable
Region of Interest (RoI)	Yes
Other Image Processing	White Balance, Brightness, Contrast, Sharpness, Saturation,
	Backlight compensation (BLC), Digital Image Stabilizer (DIS,
	EIS)
Image Orientation	Flip / Mirror / Corridor Mode
EDGE STORAGE	
Storage	Built-in slot , Support up to 256GB
AUDIO	,,
Audio Streaming	Two Way
Audio Compression	G.711, G.726, AAC, PCM
Audio input / output	1/1
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EVENT Event Trigger Video motion detection, External device through digital input, Sound detection, Intelligent event detection Pre-Post Recording Pre: 1~5 sec Post: 1~240 sec NETWORK Ethernet Standard 10 / 100 / 1000Base-T IP IPV4, IPV6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Max. User Access 10 Users Plug in Yes, Profile S, Profile G, Profile T, Profile Q, Profile M PTZ Pan: 0° to 360° endless, Pan / Tilt Range Pan Pan' Tilt Speed Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset 400 preset points At time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material External I/O Terminals Aluminum Die-casting, White External I/O Terminals 7x Alarm In / 2x Alarm Out IP66 Housing Environmental Rating Language on webpage Operating Button Reset Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140°F) Approvals Weight 5.5Kg		
input, Sound detection, Intelligent event detection Pre-Post Recording Pre: 1~5 sec Post: 1~240 sec NETWORK Ethernet Standard ID / 100 / 1000Base-T IP IPV4 IPv4, IPv6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Max. User Access ID Users Plug In Yes, Profile S, Profile G, Profile T, Profile Q, Profile M PTZ Pan: 0° to 360° endless, Tilt: -10° to +90° Pan/Tilt Range Pan Tilt: -10° to +90° Pan/Tilt Speed Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset 400 preset points Patrol Scan G Track, 12 Scan, 12 Patrol (up to 32 presets each patrol) The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material Aluminum Die-casting, White External I/O Terminals Tx Alarm In / 2 x Alarm Out IP66 Housing Environmental Rating Language on webpage English Operating Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, RoHS,BIS	EVENT	
Post: 1~240 sec NETWORK Ethernet Standard IP	Event Trigger	,
Ethernet Standard IP IPv4 IPv4 IPv6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Max. User Access 10 Users Plug In Yes, Profile S, Profile G, Profile T, Profile Q, Profile M PTZ Pan: 0° to 360° endless, Tilt: -10° to +90° Pan/Tilt Speed Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset 400 preset points Patrol Scan 6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol) The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material Aluminum Die-casting, White External I/O Terminals 7x Alarm In / 2 x Alarm Out IP66 Housing Environmental Rating Language on webpage English Operating Button Reset Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals	Pre-Post Recording	
IP IPv4 IPv4, IPv6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SMMP, 802.1X, UDP, ICMP, ARP, TLS Max. User Access 10 Users Plug In Yes, Profile S, Profile G, Profile T, Profile Q, Profile M PTZ Pan: 0° to 360° endless, Pan / Tilt Range Pan Tilt: -10° to +90° Pan/Tilt Speed Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset 400 preset points Patrol Scan 6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol) The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material Aluminum Die-casting, White External I/O Terminals 7x Alarm In / 2 x Alarm Out IP66 Housing Environmental Rating Language on webpage English Operating Button Reset Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals	NETWORK	
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Protocol IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS Max. User Access 10 Users Plug In Yes, Profile S, Profile G, Profile T, Profile Q, Profile M PTZ Pan: 0° to 360° endless, Tilt: -10° to +90° Pan/Tilt Range Pan Pan/Tilt Speed Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset Patrol Scan 6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol) The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material Aluminum Die-casting, White External I/O Terminals 1P66 Housing Environmental Rating Language on webpage English Operating Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals	IP	IPv4
Plug In PTZ Pan: 0° to 360° endless, Pan / Tilt Range Pan Pilt: -10° to +90° Pan/Tilt Speed Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset Patrol Scan Tit: -10° to +90° Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset Patrol Scan The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material External I/O Terminals Aluminum Die-casting, White External I/O Terminals Tax Alarm In / 2 x Alarm Out P66 Housing Environmental Rating Language on webpage English Operating Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals	Protocol	IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS,
Pan / Tilt Range Pan Tilt: -10° to 360° endless, Pan / Tilt Range Pan Tilt: -10° to +90° Pan/Tilt Speed Pan speed: 0.1° to 300°/s; Tilt speed: 0.1° to 300°/s Number of Preset 400 preset points Patrol Scan 6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol) The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material Aluminum Die-casting, White External I/O Terminals 7x Alarm In / 2 x Alarm Out IP66 Housing Environmental Rating Language on webpage English Operating Button Reset Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, RoHS,BIS	Max. User Access	10 Users
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preset positions, patrols, scans, and tracks can be run. Idle Motion GENERAL Material External I/O Terminals Aluminum Die-casting, White External I/O Terminals P66 Housing Environmental Rating Language on webpage English Operating Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, RoHS,BIS	Patrol Scan	6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol)
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Housing Environmental Rating Language on webpage English Operating Button Reset Button Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, RoHS,BIS	External I/O Terminals	
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Power Source 24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, RoHS,BIS		· · ·
36VDC Power Consumption High PoE,less than 45W Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, RoHS,BIS		1
Operating Conditions Humidity 10 ~ 90% RH (non-condensing) -40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, RoHS,BIS	Power Source	, , , , , , , , , , , , , , , , , , , ,
-40°C to 60°C (-40°F to 140 °F) Approvals FCC, CE, ROHS,BIS	Power Consumption	High PoE,less than 45W
Approvals FCC, CE, RoHS,BIS	Operating Conditions	, , ,
		-40°C to 60°C (-40°F to 140 °F)
Weight 5.5Kg	Approvals	FCC, CE, RoHS,BIS
<u> </u>	Weight	5.5Kg
Dimensions (D x H) φ226×362.8mm	Dimensions (D x H)	ф226×362.8mm



EVOKING TRUST

Dimensions



ACCESSORIES



WSN-BK349 Wall Bracket



WSN-BK348A Ceiling Bracket



WSN-BK605 **Corner Mount**







WSN-BK367 Junction Box



WSN-BK355 Wall Bracket



WSN-BK358 **Corner Mount**



WSN-BK359 Pole Mount