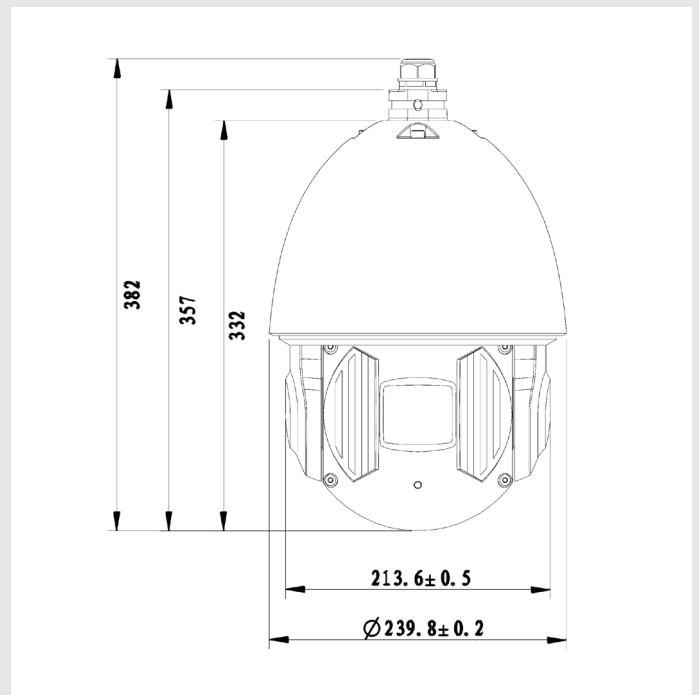




FEATURES

- Powerful 30x optical zoom
- Ultra-low light star-light camera
- H.264 & MJPEG Three-stream encoding
- Max 60fps@720P and 30fps@1080P resolution
- Defog, WDR, EIS, ROI, Day/Night(ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC,BLC
- Auto-tracking and IVS
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP67, IK10, Hi-POE



MT-IPA788HWR30

TECHNICAL SPECIFICATIONS

Model	MT-IPA788HWR30		
Camera	Image Sensor	1/1.9" Exmor CMOS	
	Effective Pixels	1944(H)x1092(V), 2 megapixels	
	Scanning System	Progressive	
	Electronic Shutter Speed	1/1 ~ 1/50,000s	
	Min. Illumination	Color: 0.002Lux@F1.6; B/W: 0.0002Lux@F1.6;	
	S/N Ratio	More than 56dB	
	Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC	
Camera Features	Day/Night	Auto(ICR) / Color / B/W	
	Backlight Compensation	BLC / HLC / WDR(120dB)	
	White Balance	Auto, ATW, Indoor, Outdoor, Manual	
	Gain Control	Auto/Manual	
	Noise Reduction	Ultra DNR 2D/3D	
	Privacy Masking	Up to 24 areas	
	Digital zoom	16x	
	EIS	Support	
Defog	Support		
Lens	Focal Length	6mm~180mm(30x Optical zoom)	
	Max Aperture	F1.6 ~ F4.8	
	Focus Control	Auto/Manual	
	FOV-H	H: 61.2° ~ 2.1°	
	Close Focus Distance	100mm ~ 1000mm	
PTZ	Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°	
	Manual control speed	Pan: 0.1° ~ 240° /s; Tilt: 0.1° ~ 120° /s	
	Preset Speed	Pan: 240° /s; Tilt: 200° /s	
	Preset	300	
	PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
	Speed Setup	Human-oriented focal length/ speed adaptation	
	Power up Action	Auto restore to previous PTZ and lens status after power failure	
	Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period	
	Time task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time	
	Protocol	DH-SD, Pelco-P/D (Auto recognition)	
Video	Compression	H.264 / MJPEG	
	Resolution	1080P(1920× 1080) / 720P(1280× 720) /D1(704× 576/704× 480) /CIF(352× 288/352× 240)	
	Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)
		Sub Stream 1	D1/CIF(1 ~ 25/30fps)
		Sub Stream 2	720P/D1/ CIF (1 ~ 25/30fps)
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps		
Audio	Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)	
	Interface	1/1 channel In/Out	
Intelligent Function	Audio Tracking	Single-scene, multiple-scene, panorama-scene	
	IVS	Tripwire, Intrusion, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.	
	Tracking Trigger Mode	Manual / Auto (alarm triggered)	
	Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.	
Network	Ethernet	RJ-45 (10/100Base-T)	
	Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x	
	ONVIF	ONVIF PSIA CGI	
	Max. User Access	20 users	
	Smart Phone	iPhone, iPad, Android, Windows Phone	
Auxiliary Interface	Memory Slot	Micro SD, Max 64GB	
	RS485	1	
	Alarm	7/2 channel In/Out	
General	Power Supply	AC24V/3A(±25%), Hi-POE	
	Power Consumption	20W, 43W (IR on)	
	Working Environment	-40oC ~ 70oC / Less than 90% RH	
	Ingress Protection	IP67, IK10	
	Dimensions	Φ240(mm) x 382 (mm)	
	Weight	6.75kg	

Datasheet rev.A17.1