

# iSentry 44M

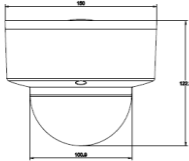
4MP H.265 Vandalproof Motorized IR Dome Camera



### Features

- H.265 compression
- Up To 2560X1440@25fps
- Min. Illumination Color: 0.05 Lux,B/W: 0.01Lux,0 Lux with IR
- Motorized 2.8-12mm
- Mechanical WDR 120dB
- Smart IR, IR Range: 30m
- VCA Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Running/Looting/Parking/Crowd/Audio Abnormal Detection/Video Abnormal Detection
- Interface Audio I/O:1/1,Alarm I/O:2/1,Built-in Mic,Micro SD card slot up to 128G,USB,Reset Button,BNC, RS485
- TVS 6000V, Lightning/Surge Protection
- Operating Conditions -35℃ ~60℃ (IR OFF) /-35℃ ~40℃ (IR ON), 0 ~95% RHG
- CE, FCC

### Dimensions



### Bracket(Optional)

Model: A21+A24



Camera	
Image Sensor	1/3" CMOS
Core Processor	ARM9 Architecture
Operating System	Embedded Linux
Signal System	PAL/NTSC
Min. Illumination	Color: 0.05 Lux B/W: 0.01Lux; 0 Lux with IR
Shutter Time	1s to 1/100,000s
Lens	Motorized 2.8-12mm, Angle of View: 90.8° ~ 32.1°
Lens Mount	ø14
Auto Iris	DC Drive
Adjustment Range	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°
Day & Night	Dual IR Cut Filter with Auto Switch
WDR	120 dB
DNR	3D
Focus	Auto
S/N Ratio	>60dB
Compression Standard	
Video Compression	H.265/H.264H/H.264M/H.264B/MJPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	
	G.711A/G.711U/ADPCM/AAC
Audio Bit Rate	
	G711 8KHz, 64kbps ADPCM 8KHz, 32kbps AAC 48KHz, 96-320kbps
Image	
Max. Image Resolution	2560X1440
Frame Rate	PAL: 1440p@25fps, QXGA@25fps, 1080p@25fps, 960p@25fps, 720p@25fps, Up to 1280*720@50fps NTSC: 1440p@25fps, QXGA@30fps, 1080p@30fps, 960p@30fps, 720p@30fps, Up to 1280*720@60fps
Triple Stream	Mainstream: 1440P(2560*1440) Substream: D1(704*576) 3rd stream: CIF(352*288)
Image Settings	Brightness, Saturation, Contrast,Sharpness,Image Enhancement, Flip Mode
HLC	Y
Smart Defog	Y
Corridor Format	Y, Available for 720P and Above
EIS	Y
ROI	4 Zones
Privacy Mask	4 Zones
Picture Overlay	200 × 200, BMP 24bit, Zone Configurable
OSD	16*16, 32*32, 24*24, 48*48, 64*64, 96*96 Size Letters Such as Week, Date, Time, Total 5 Regions
Network	
Browser	CHROME V45 or lower, IE, FIREFOX
Network Storage	FTP
NTP	Y
ANR	Y(Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection(Only Support Tiandy ANR NVR) )
Video Analytics(VCA)	Trippwire/Double Tripwire/Perimeter/Object Abandon/Object Lost (Running/Looting/Parking/Crowd/Audio Abnormal Detection /Video Abnormal Detection
Alarm Trigger	Motion Detection/IP Conflict/MAC Conflict/Port Alarm/Mask Alarm
Protocols	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP RTSP,RTCP,RTP,TCP,UDP,IGMP,ICMP,DHCP,PPPoE
User Permission	4 Level/8 Users
Remote Connection	5 Users Access at the Same Time
System Compatibility	ONVIF (Profile S) ,P2P, SDK,CGI
Interface	
Audio Input	1-ch, Built-in Mic
Audio Output	1-ch
Communication Interface	1-ch RJ45 10M / 100M Ethernet Interface
Alarm Input	2-ch
Alarm Output	1-ch
Video Output	1V-p Composite Output(75Ω/BNC, for Internal Setup)
On-board Storage	MicroSD Card Slot, up to 128GB
Reset Button	Y
RS485	Y
Extension	1x USB
General	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, Simplified Chinese, Polish, French
Operating Conditions	-35℃ ~ 60℃ (IR OFF) /-35℃ ~ 40℃ (IR ON), 0 ~ 95% RHG
Power Supply	DC 12V±10%/AC24V±10%/PoE(802.3af)
Power Consumption	Max. 5W (IR OFF) (ICR Instant Switch 11W) Max. 7.5W (IR ON)
Circuit Protection	TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V)
Impact Protection	IP66, IK10
IR Range	30m
IR LEDs	32pcs
Dimensions	150mm×150mm×122mm
Weight	1.0KG (IP Camera Only); 1.3KG (with Packing Box)