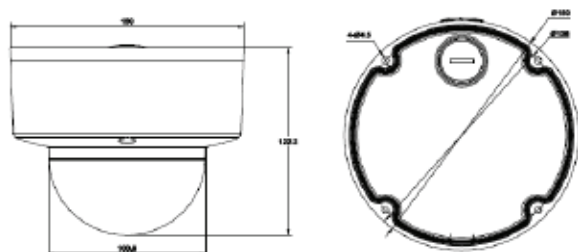




Features

- Starlight Ultra Low Light 0.002lux
- Up To 1080P, 1920x1080@30fps
- H.265/H.264 HP/MP/BP/M-JPEG Codec
- Min. Illumination Color: 0.002 Lux, B/W: 0.001Lux, 0 Lux with IR
- Motorized 2.8-12mm
- Mechanical WDR 140dB
- Smart IR, IR Range: 30m
- VCA Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Running/Loitering/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
- TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V), IP66, IK10
- Operating Conditions -35℃ ~ 60℃ (IR OFF) / -35℃ ~ 40℃ (IR ON), 0 ~ 95% RHG
- CE, FCC

Dimensions



Bracket(Optional)

Model: A21+A24



Camera	
Image Sensor	1/2.8" CMOS
Core Processor	ARM9 Architecture
Operating System	Embedded Linux
Signal System	PAL/NTSC
Min. Illumination	Color: 0.002Lux(F1.2,AGC ON) B/W: 0.001Lux(F1.2,AGC ON);0 Lux with IR
Shutter Time	1s to 1/100,000s
Lens	Motorized 2.8-12mm, Angle of View: 92° ~ 38.6°
Lens Mount	φ14
Auto Iris	DC Drive
Adjustment Range	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°
Day & Night	IR Cut Filter with Auto Switch
Wide Dynamic Range	140 dB
Digital Noise Reduction	3D DNR
Focus	Auto
Compression Standard	
Video Compression	H.265/H.264 HP/MP/BP/M-JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM/AAC
Audio Bit Rate	G711 8KHz, 64kbps
Image	ADPCM 8KHz, 32kbps
Max. Image Resolution	1920x1080
Frame Rate	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720), Up to 30fps (1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720), Up to 120fps (1920 × 1080)
Triple Stream	Substream: D1(704*576) 3rd stream: 720P(1280*720)
Image Settings	Brightness, Saturation, Contrast, Flip Mode Adjustable by Client Software or Web Browser
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	IE8, IE9, IE10, IE11, Firefox24
Browser	FTP
Network Storage	Y
NTP	Y, Auto store video in SD card when NVR disconnected, and upload video to NVR
ANR	Y, Auto store video in SD card when NVR disconnected, and upload video to NVR
Video Analytics	When red lines on perimeter, object, object abandon, object lost, running, loitering, parking, crowd, audio abnormal detection, video abnormal detection
Alarm Trigger	Video Abnormal Detection, Object Abandon, Object Lost, Running, Loitering, Parking, Crowd, Audio Abnormal Detection, Video Abnormal Detection
Protocols	IPV4/IPV6/HTTP/802.1x/FTP/SMTP/UPnP/SNMP/DNS/DDNS/NTP/RTSP/TCPIP/UD
User Permission	#/16/0/1/5/8
Remote Connection	5 Users Access at the Same Time
System Compatibility	ONVIF (Profile S), SDK
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	1Vp-p Composite Output(75Ω/BNC, for Internal Setup)
On-board Storage	MicroSD Card Slot, Up to 128GB
Reset Button	Y
Extension	USB
General	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, Simplified Chinese, Arabic, Hebrew
Operating Conditions	-35℃ ~ 60℃ (IR OFF) / -35℃ ~ 40℃ (IR ON), 0 ~ 95% RHG
Power Supply	DC 12V±10%/AC24V±10%/PoE
Power Consumption	Max. 5W (IR OFF) (ICR Instant Switch 11W) Max. 8W (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)

* The latest product information / specification can be found at <http://en.tiandy.com/>