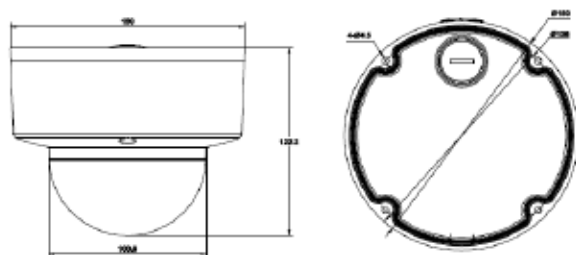




Features

- 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°C ~ 60°C (IR OFF) / -35°C ~ 40°C (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 | |
| Max. Image Resolution | 1920x1080 |
| Frame Rate | 50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720), Up to 60Hz: 30fps (1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720), Up to |
| Triple Stream | Mainstream: 1080P(1920*1080) Substream: D1(704*576) 3rd stream: 720P(1280*720) |
| Image Settings | Brightness, Saturation, Contrast, Flip Mode Adjustable by Client Software or Web |
| 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, |
| Network | |
| Browser | IE8,IE9,IE10,IE11,Firefox24 |
| Network Storage | FTP |
| NTP | Y |
| ANR | Y, Auto store video in SD card when NVR disconnected, and upload video to NVR |
| Video Analytics | Tripwire/Double Tripwire/Perimeter/Object Abandon/Object |
| Alarm Trigger | Motion Detection/IP Conflict/MAC Conflict/Port Alarm/Mask Alarm |
| Protocols | IPv4/IPv6/HTTP/802.1x/FTP/SMTP/UPnP/SNMP/DNS/DDNS/NTP/RTSP/TCP/UD |
| User Permission | 4 Level/8 Users |
| 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 |
| Operating Conditions | -35°C ~ 60°C (IR OFF) / -35°C ~ 40°C (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/>

