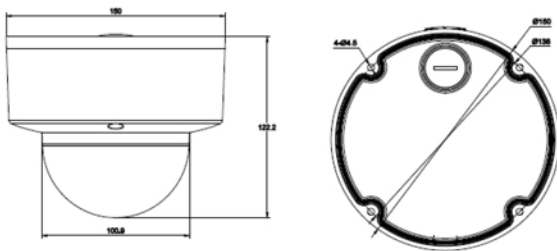




Features

- Starlight Ultra Low Light 0.002lux
- Up To 1080P, 1920x1080@30fps
- S+265 compression
- 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, RoHS

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	Dual IR Cut Filter with Auto Switch
WDR	140 dB
DNR	3D
Focus	Auto
S/N Ratio	>60dB
Compression Standard	
Video Compression	S+265/H.265/S+264/H.264/H.264/MH.264/MJPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM/AAC
Audio Bit Rate	G.711 8KHz, 64kbps ADPCM 8KHz, 32kbps AAC 48KHz, 96-320kbps
Image	
Max Resolution	1920x1080
Frame Rate	50Hz 25fps (1920 × 1080), 25fps (1280 × 960), 60Hz 30fps (1920 × 1080), 30fps (1280 × 960), Mainstream: 1080P(1920*1080) Substream: D1(704*576)
Triple Stream	3rd stream: 720P(1280*720)
Image Settings	Brightness, Saturation, Contrast, 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 Size: 16×16, 32×32, 24×24, 48×48, 64×64, 96×96
OSD	Letters, Week, Date, Time, Total 5 Regions
Network	
Browser	IE8/Firefox24 or above
Network Storage	FTP
NTP	Y
ANR	Y
Video Analytics	Tripwire/Double Tripwire/Perimeter/Object Abandon Object Lost/Running/Loitering/Parking/Crowd Audio Abnormal Detection/Video Abnormal Detection
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/UDP/DHCP/PPPoE
User Permission	4 Level/8 Users
Remote Connection	5 Users Access at the Same Time
System Compatibility	ONVIF (Profile S), SDK, CGI
Interface	
Audio Input	1-ch, Built-in Mic
Audio Output	1-ch
Ethernet	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 Polish, French, Traditional Chinese, Simplified Chinese
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 802.3af
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	20-30m
IR LEDs	32pcs
Dimensions	150mm×150mm×122mm
Weight	1.0KG (IP Camera Only); 1.3KG (with Packing Box)
S+265:	Tiandy enhanced H.265 codec
ANR:	Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection(Only Support Tiandy ANR NVR)

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

