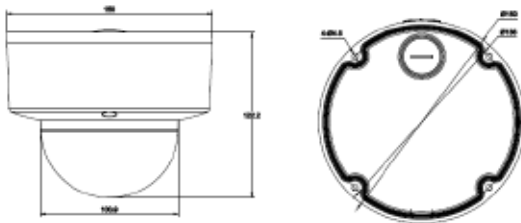




Features

- Up To 1080P, 1920x1080@30fps
- H.264/M-JPEG Codec
- Min. Illumination Color: 0.5 Lux, B/W: 0.25Lux, 0 Lux with IR
- Manual 2.8-12mm
- Smart IR, IR Range: 30m
- VCA Tripwire/Perimeter
- Interface Audio I/O: 1/1, Alarm I/O: 1/0, Micro SD card slot up to 128G, USB, Reset Button
- 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: 0.5 Lux @(F1.2, AGC ON) B/W: 0.25Lux @(F1.2, AGC ON); 0 Lux with IR
Shutter Time	1s to 1/100,000s
Lens	2.8-12mm, Angle of View: 88.1°~31.2°
Lens Mount	φ14
Auto Iris	N/A
Adjustment Range	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°
Day & Night	IR Cut Filter with Auto Switch
Wide Dynamic Range	100 dB
Digital Noise Reduction	3D DNR
Focus	Manual
Compression Standard	
Video Compression	H.264/MJPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM
Audio Bit Rate	G711 8KHz, 64kbps
Image	
Max. Image Resolution	1920x1080
Frame Rate	50Hz: 25fps (1920 × 1080), 25fps (1280 × 720) 60Hz: 30fps (1920 × 1080), 30fps (1280 × 720)
Triple Stream	Mainstream: 1080P(1920*1080) Substream: D1(704*576) 3rd stream: CIF(352*288)
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/Perimeter
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
User Permission	4 Level/8 Users
Remote Connection	3 Users Access at the Same Time
NTP	Y
System Compatibility	ONVIF (Profile S), SDK
Interface	
Audio Input	1-ch
Audio Output	1-ch
Communication Interface	1-ch RJ45 10M / 100M Ethernet Interface
Alarm Input	1-ch
Alarm Output	N/A
Video Output	N/A
On-board Storage	MicroSD Card Slot, up to 128GB
Extension	1x 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	TVS6000V, 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/>