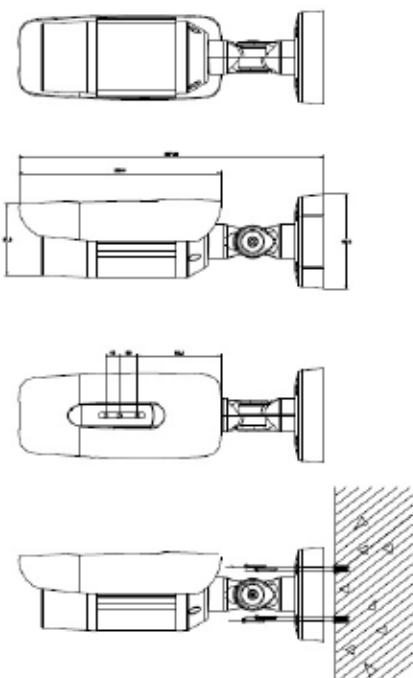




### Features

- Up To 2560X1440@25fps
- H.265/H.264 HP/MP/BP/M-JPEG Codec
- 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: 50m
- 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), IP67
- Operating Conditions -35°C ~ 60°C (IR OFF) / -35°C ~ 40°C (IR ON), 0 ~ 95% RHG
- CE, FCC

### Dimensions



<b>Camera</b>	
Image Sensor	1/3" CMOS
Core Processor	ARM9 Architecture
Operating System	Embedded Linux
Signal System	PAL/NTSC
Min. Illumination	Color: 0.05 Lux @(F1.4, AGC ON) B/W: 0.01Lux @(F1.4, AGC ON); 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	φ14
Auto Iris	DC Drive
Day& Night	IR Cut Filter with Auto Switch
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR
Focus	Auto
<b>Compression Standard</b>	
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
<b>Image</b>	
Max. Image Resolution	2560X1440
Frame Rate	PAL: 1440p@25fps, QXGA@25fps, 1080p@25fps, 960p@25fps, 720p@25fps, Up NTSC: 1440p@25fps, QXGA@30fps, 1080p@30fps, 960p@30fps, 720p@30fps, Mainstream: 1440P(2560*1440)
Triple Stream	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,
<b>Network</b>	
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
<b>Interface</b>	
Audio Input	1-ch
Audio Output	1-ch
Communication Interface	1-ch RJ45 10M / 100M Ethernet Interface
Alarm Input	2-ch
Alarm Output	1-ch
Video Output	1-ch Vp-p Composite Output (75 Ω, BNC)
On-board Storage	MicroSD Card Slot, up to 128GB
Reset Button	Y
Extension	1x USB
<b>General</b>	
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	DC12V ± 20%, PoE (802.3af)
Power Consumption	Max. 5W (IR OFF) (ICR Instant Switch 12W) Max. 7.5W (IR ON)
Circuit Protection	TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V)
Impact Protection	IP67
IR Range	50m
IR LEDs	54pcs φ5 Array IR LEDs
Dimensions	337mm×107mm×107mm
Weight	1.3KG (IP Camera Only); 1.6KG (with Packing Box)

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