

- Up to 1920X1080@30fps
- H.264/M-JPEG Codec
- Min. Illumination Color: 0.5 Lux,B/W: 0.25Lux,0 Lux with IR
- Smart IR, IR Range: 20m
- VCA Tripwire/Perimeter
- TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V), IP66
- Operating Conditions -35℃~60℃(IR OFF) /-35℃~40℃(IR ON), 0~95% RHG
- CE, FCC

[illegible]

Camera	
Image Sensor	1/2.7" CMOS
Core Processor	ARM9 Architecture
Operating System	Embedded Linux
Signal System	PAL/NTSC
Min. Illumination	Color: 0.5Lux @(F1.2, AGC ON) B/W: 0.25Lux @(F1.2, AGC ON); 0 Lux with IR
Shutter Time	1s to 1/100,000s
Lens	2.8mm, 111.5°
Lens Mount	φ12
Auto Iris	N/A
Day & Night	IR Cut Filter with Auto Switch
Wide Dynamic Range	100 dB
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/M-JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711/G.711U/ADPCM
Audio Bit Rate	G711 8KHz: 64kbps ADPCM 8KHz: 32kbps
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, Contrast, 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, 24x24, 48x48, 64x64, 96x96 Size Letters Such as Week, Date, Time, Total 5 Regions
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 when resumed connection(Only Support Tiandy ANR NVR)
Video Analytics	Tripwire/Perimeter
Alarm Trigger	Motion Detection/IP Conflict/MAC Conflict/Port Alarm/Mask Alarm
Protocols	IPV4/IPV6/HTTP/802.1X/FTP/SNMP/UPnP/SNMP/DNS/DDNS/NTP/R TSP/ICP/UDP/DHCP/PPPoE
User Permission	4 Level/8 Users
Remote Connection	3 Users Access at the Same Time
System Compatibility	ONVIF (Profile S), SDK
Interface	
Audio Input	N/A
Audio Output	N/A
Communication Interface	1-ch RJ45 10M / 100M Ethernet Interface
Alarm Input	N/A
Alarm Output	N/A
Video Output	N/A
General	
Language	English,Simplified Chinese
Operating Conditions	-35℃~60℃(IR OFF) /-35℃~40℃(IR ON), 0~95% RHG
Power Supply	DC 12 V ± 10%, PoE (802.3af)
Power Consumption	Max. 5W(IR OFF) (ICR Instant Switch 8.5W) Max. 7W(IR ON)
Circuit Protection	TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V)
Impact Protection	IP66
IR Range	20m
IR LEDs	1pcs Array
Dimensions	136mm×136mm×98mm
Weight	0.8KG (IP Camera Only); 1.0KG (with Packing Box)