



نام محصول : دوربین تحت شبکه IP Camera  
 نوع محصول : Speed dome  
 سازنده : شرکت فناوری نوین مرصاد فاطر  
 مدل : SR-5044P-T

#### KEY FEATURE

- Supports optical and thermal bi-spectrum image
- Vanadium Oxide Uncooled Focal Plane Arrays
- Thermal Resolution 384x288
- Optical Resolution up to 3072x1728@30fps
- Min. illumination Color: 0.001Lux@F1.6
- Optical zoom: 44x, digital zoom 16x
- Smart IR, IR Range: 300m
- Bulit-in Speaker
- Built-in Automatic Wiper
- Built-in Electronic Compass
- Support GPS/BDS
- S+265/H.265/H.264/M-JPEG
- Intelligent monitoring/Face Capture mode
- Support Human/Vehicle Classification
- Support Laser Point
- Plugin Free
- IP66

#### Camera

Thermal Sensor Type	Vanadium Oxide Uncooled Focal Plane Arrays
Thermal Length	50mm
Resolution	384x288
Piexl Interval	17μm
Response Waveband	8μm~14μm
NETD	≤40mK@f/1.0
Thermal FOV	Horizontal: 7.5°,Vertical: 5.6
Measurement Distance	Detection: 4510m (vehicle),1471m (human)
Based on the reference: human (1.8m x 0.5m) vehicle (4m x 1.4m)	Recognition: 1127m (vehicle),368m (human) Identification: 564m (vehicle),184m (human)
Fire Detection Distance	
Based on the reference: fire (2m×2m)	3000m
Main Stream	PAL: 25fps (384x288),NTSC: 30fps (384x288)
Sub Stream	PAL: 25fps (384x288),NTSC: 30fps (384x288)
Third Stream	PAL: 25fps (384x288),NTSC: 30fps (384x288)

#### Lens

Image Sensor	1/1.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.001lux@ (F1.6,AGC ON),B/W: 0lux with IR
Shutter Time	1s to 1/100,000s
Day&Night	Dual IR Cut Filter with Auto Switch
Optical Zoom	44X
Digital Zoom	16X

#### Pan & Tilt

Focal Length	6mm~264mm
Zoom Speed	<5s
Field of View	Horizontal filed of view: 61.8° (w)~2.3° (t) Vertical filed of view:36.3° (w)~1.3° (t)
Aperture Range	F1.6~F5.3



Focus Control	Auto/Manual			
Iris Control	Auto			
Close Focus Distance	1 m~3 m			
DORI Distance	Detect: 2620m	Observe: 1039m	Recognize: 524m	Identify: 262m

Pan Range	360°
Pan Speed	Pan Manual Speed: 0.1°~160°/s, Pan Preset Speed: 200°/s
Tilt Range	-21°~90° (Default -13°~90°)
Tilt Speed	Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 120°/s
3D Position	Yes
Preset	500
Preset Accuracy	±0.1°
Cruise	16, up to 32 presets per cruise
Scan	8
Pattern	8, each with 600s memory or 1000 orders
Scheduled Task	Preset、Cruise、Scan、Pattern、Alarm output
Park Action	Yes
Power-off Memory	Yes
Preset Freezing	Yes

#### Illuminator

IR LEDs	11
IR Distance	Up to 300m
IR Irradiation Angle	Adjustable by Zoom
White LEDs	2, support white/blue/red light flash
Laser	N/A
Laser Distance	N/A

#### Image

Video Compression	S+265/H.265/H.264/M-JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8kHz/32kHz/48kHz

Max. Resolution	5.0MP (3072x1728)
Main Stream	PAL: 25fps (3072x1728), 50fps (2560x1440, 2304x1296, 1920x1080, 1280x720) NTSC: 30fps (3072x1728), 60fps (2560x1440, 2304x1296, 1920x1080, 1280x720)
Sub Stream	PAL: 25fps (704x576, 704x288, 640x360, 352x288) NTSC: 30fps (704x480, 704x240, 640x360, 352x240)
Third Stream	PAL: 25fps (1920x1080, 1280x720, 704x576, 640x480, 704x288, 352x288) NTSC: 30fps (1920x1080, 1280x720, 704x480, 640x480, 704x240, 352x240)
BLC	Yes
HLC	Yes
WDR	120dB
Image Stabilization	EIS
Defog	Digital
White Balance	Yes
AGC	Yes



Noise Reduction	2D/3D
ROI	7 Dynamic Areas for Both Main and Sub Stream, support 1 auto-tracking ROI
Picture Overlay	Yes
Privacy Mask	Yes
Demist	Yes
Image Setting	Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
Flip	Yes
OSD	16x16,24x24,32x32,48x48,64x64,96x96,128x128, adaptable size, Letters such as Week, Date, Time, Total 5 Regions

### Feature

Alarm Trigger	Event Input,Event Output,Mask Alarm,Disk Full,Disk R/W Error,IP Address Conflict,MAC Address Conflict,FTP Server Exception
Video Analytics	Tripwire,Double Tripwire,Perimeter,Object Abandon,Object Lost,Loitering,Running,Parking,Heatmap,crowed,People Counting,On Duty Detection,Video Abnormal,Audio Abnormal, Human/Vehicle Classification
Face Mode	Face capture
Face Detection Performance	Detects up to 16 faces at the same scene
Early Warning(EW)	Yes
Auto-Tracking	Yes

### Face Detection and Analytics

Protocols	HTTP;HTTPS;TCP/IP;UDP;UPnP;SNMP;DHCP;DNS;DDNS;Easy DDNS;NTP;SMTP;SSL;QoS; IPv4;IPv6;PPPOE;Unicast;Multicast;RTSP;FTP;
System Compatibility	ONVIF (PROFILE S/T/G),SDK,CGI,P2P
ANR	Auto store video in SD card when NVR disconnected,and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR)
Remote Connection	≤7
User/Host	Up to 32 users. 4 user levels
Web	IE,Firefox,Edge,Safari,Chrome

### Interface

Communication Interface	2 RJ45 100M/1000M self adaptive Ethernet ports
Audio I/O	1/1
Alarm I/O	8/2
Built-In Speaker	Yes
Reset Button	Yes
On-board storage	Built-in Micro SD card slot,up to 256 GB
RS-485	Yes
BNC	Yes(Debugging use)
Wiper	Yes(Auto Wiper)
Electronic Compass	Yes
GPS/BDS	Yes

### General

Protection	IP66 ,TVS 6000V lightning protection,surge protection and voltage transient protection
Operating Conditions	-40°C~70°C (IR OFF), -40°C~40°C (IR ON),0-95%RH
Power Supply	AC24V±25%



Power Consumption	30W(IR OFF),67W(IR ON)
Heater	Yes
Material	ADC 12
Package/Boundary Dimensions	Φ445x700mm (Φ308x506mm)
Gross/Net Weight	21kg (11.6kg)
Protection	IP66 ,TVS 6000V lightning protection,surge protection and voltage transient protection 16 languages
Web Client Language	Simple Chinese/Traditional Chinese/ English/ Spanish/ Korean/ Italian/ Turkish/ Russian/ Thai/ French/Polish/ Dutch/ Hebraism/ Farsi/Arabic/ Vietnamese
Operating Conditions	-40°C~70°C (IR OFF), -40°C~40°C (IR ON),0-95%RH

