

## CK350-H

### Temperature Screening Camera



The CK350-H is the newest addition to the SATIR Temperature Screening Range of cameras. It has an integrated black body, which allows for close range detection and also it means the product setup is more streamlined than previous models. It has 384 x 288 IR detector which will deliver a clear and detailed image to the technician. It has facial recognition and can scan up to 45 faces per second. It has a temperature accuracy of  $\pm 0.3^{\circ}\text{C}$  and a temperature range of  $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ .

### Key Features

- Built-in Black Body
- Face Recognition
- Scans up to 45 Faces/Second
- 3-5 Metres Non Contact Detection
- Temperature Alarm
- Multiple Mounting Methods

## CK350-H Specifications

Thermal Camera	
Detector type	Uncooled FPA Microbolometer
Detector resolution	384 x 288 pixels
Pixel size	17µm
Thermal sensitivity	40mK @ 30°C
Spectral range	8~14µm
Image setting	Polarity LUT/DVE/Mirror/FCC/3D DNR/Brightness/Contrast/ROI
Color palettes	Black-heat/white-heat/rainbow/iron-red up to 17 modes
Thermal Lens	
Lens type	Fixed
Focus control	Manual focus
Focs length	8mm
F No.	F1.0
Angle of View	46° x35°
Visible Camera	
Image sensor	1/1.9" Sony CMOS
Effective Resolution	1920(H) × 1080(V)
Shutter Speed	1/50 ~ 1/64,000s
Wide Dynamic Range	True WDR 120dB
Min. Illumination	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0.001Lux @ (F1.2, AGC ON)
S/N Ratio	More than 55dB
Focal Length	2.7 ~ 12mm
Max Aperture	F1.6~ F2.9
Angle of View	105° ~ 32°
Focus Control	Motorized
Video and Audio	
Compression	H.265, H.264, MJPEG
Frame Rate	Main Stream: Thermal: D1 @25/30fps Visible: 1920 × 1080/1280 × 720 @25/30fps Sub Stream: Thermal: CIF @25/30fps Visible: D1/VGA/640 × 360/CIF/QCIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Thermal: 100Kbps~6Mbps Visible: main stream: 500Kbps~10Mbps; sub stream: 100Kbps~6Kbps
Region of Interest	Off / On (8 Zone, Rectangle)
Digital Zoom	16x
Mirror	Support
Defog	Support
Motion Detection	Support
Privacy Masking	Off / On (4 Area, Rectangle)
DVE Image Enhance	Support
Audio Compression	G.711, AMR, RAW_PCM (Optional)

## CK350-H Specifications

Intelligence	
Intelligent Functions	Motion detection, Disk alarm, I/O alarm, Temperature alarm
IVS	Smart Body Detection, Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left ,Object Removed
Temperature Detection	
Detection Mode	Body temperature monitoring
Detection Preset	Max 16 goals
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	≤0.3 °C (Emission rate, distance, ambient temperature, etc.)
Response Time	≤30ms
Temperature Measurement Range	-20 ° C ~ 60 ° C (-4° F ~ 140° F)
Temperature Display Mode	Temperature target 5, Display absolute temperature value; Temperature target 5, Display relative temperature value (temperature difference DEV = highest value - average)
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6, HTTP, RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP ,802.1x
Interoperability	ONVIF, CGI, SDK
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	NAS Local PC for instant recording Micro SD card 128GB
Web Viewer	<IE11, Chrome, Firefox
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish. Russian, French, Czech, Hungarian
Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In,1ch Audio Out
Alarm	2ch Alarm In,2ch Alarm Out
RS485	Support
BNC Output	N/A
Reset Button	Support (Built-in)
General	
Power Supply	DC12V/POE (IEEE 802.3af)
Power Consumption	Max 18W
Operating Temperature	-10° C~60° C
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	380 × 244 × 142mm
Net Weight	2.26kg

## CK350-H Specifications

Blackbody spec	
Temperature Range	40°C
Emissive Area	10mm x 10mm
Temperature Resolution	0.01°C
Accuracy	±0.2°C (@Factory calibration, ambient temperature 23°C ± 5°C)
Stability	±0.15°C/10min
Emissivity	0.97
Power Supply	DC12V
Operating Ambient Temp	0°C~40°C/20~90%RH
Dimension	3.2x2.2x2.1mm
Weight	20g

Please be aware specifications can vary from time to time

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