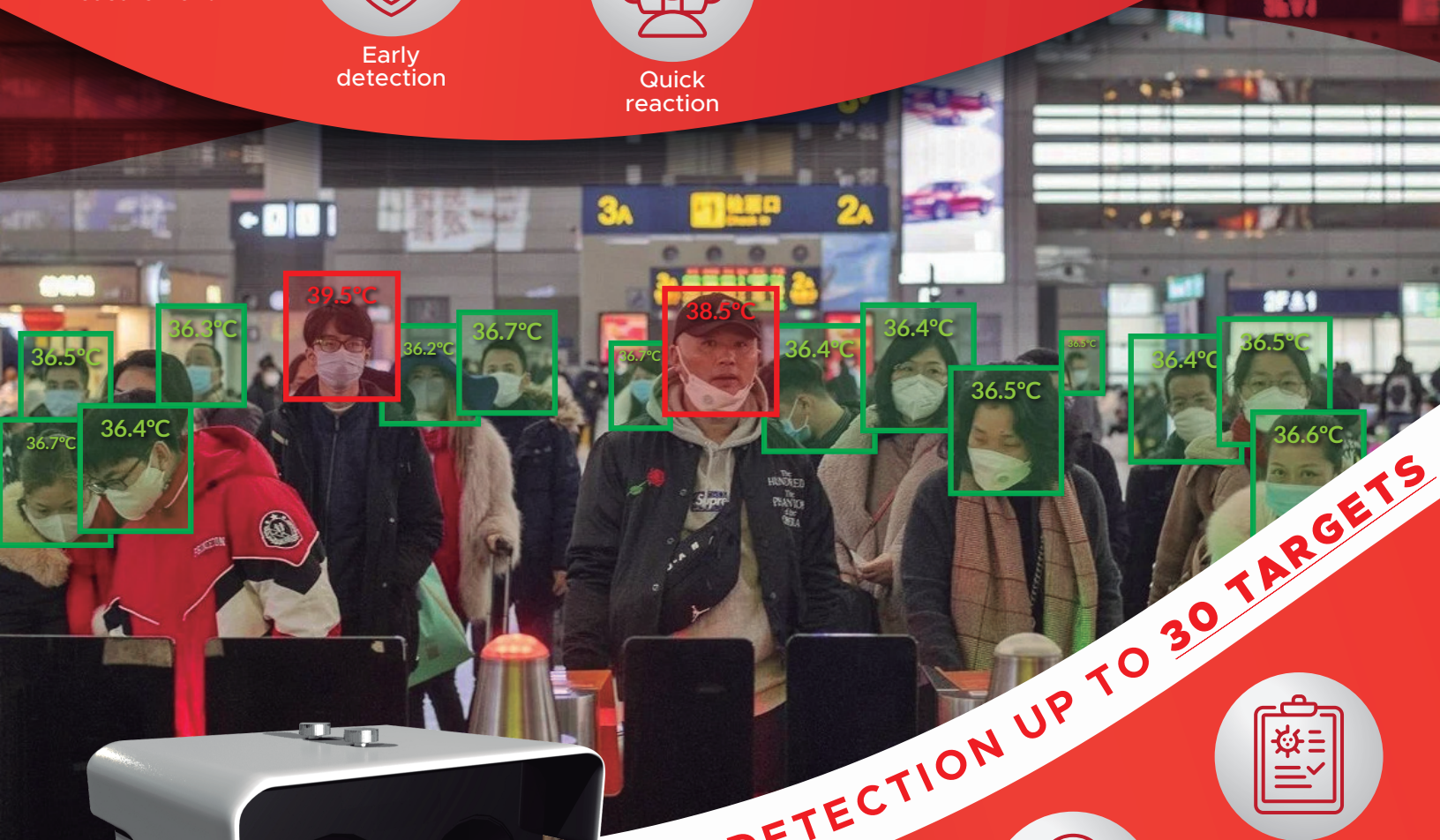
HUMAN BODY TEMPERATURE CHECK SOLUTION

AR936TH

Temperature measurement

Early detection

Quick reaction



BODY DETECTION UP TO 30 TARGETS

Creation of reports

Prevention of diffusion

Preventive isolation

Certifications

ISO 9001:2015 Certificate

WWW.ARMGUARD.COM

AR936TH

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Thermal Camera

Detector Type	Uncooled IRFPA Microbolometer
Effective pixels	400 (H) x 300 (V)
Pixel size	17µm
Thermal Sensitivity (NETD)	40mK@F.1.0, 300K
Spectral range	8-14µm
Image setting	Polarity LUT / DVE / Mirror / FCC / 3D DNR / Brightness / Contrast / ROI
Color palettes	White, warm / black, warm / cold, curve / rainbow up to 17 ways

Thermal Lens

Lens Type	Fixed
Focus Control	Manual
Focal length	8mm
F No.	F 1.0
Viewing angle	H: 46° V: 35°

Visible Camera

Image Sensor	1/2.8" Sony CMOS
Effective resolution	1920(H)×1080(V)
Shutter speed	1/5 ~ 1/64,000s
WDR	TWDR 120 dB
Min. Illumination	Color: 0.01Lux @(F1.2, AGC ON), B/W: 0.001Lux @(F1.2, AGC ON)
S/N Ration	>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 (ROI)	Off / On (8 Zones, Rectangles)
Digital zoom	16x
Mirror	Support
Defog	Support
Motion Detection	Support
Privacy Masking	Off / On (4 Area, Rectangles)
DVE Image Enhance	Support
Audio compression	G.711, AMR, RAW_PCM (Optional)

Key Features

- **On-board temp-detection algorithm**
- **One IP address two channels**
- **Effective pixels 400×300**
- **Sensitivity 40mK**
- **Thermal: 8mm Fixed lens, Visible: 2.7-12mm motorized lens**
- **Accuracy 0.3°C**
- **Body detection, up to 30 Targets**
- **Response Time 30ms**
- **17 color control**

Accessory included

BLACKBODY

United States Headquarters – Los Angeles
Toll Free: (800) 654 7797| Tel: (818) 956 63299 | Fax: (818) 240 0938
Manufactured by ISO 9001:2015 Certified Company
www.facecctv.com

AR936TH

HUMAN BODY TEMPERATURE CHECK SOLUTION

Intelligence	
Smart functions	Motion detection, Alarm disc, Alarm I / O, Temperature alarm
IVS	Body detection, Perimeter, Single virtual perimeter, double virtual perimeter, Removed / abandoned objects

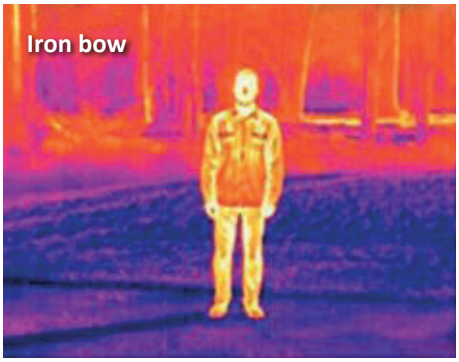
Temperature Detection	
Detection Mode	Body temperature detection
Detection Preset	Max 30 goals
Alarm detection	Temperature overshoot, Temperature difference
Accuracy	± 0.3°C (Emission rate, distance, ambient temperature, etc.) with blackbody. Detection Distance: 3~5m (4m recommended). Working Environment: Avoid the interference of wind, sunshine, high temperature and reflective objects, indoor is recommended
Response time	≤30ms
Theory of temperature measurement range	-20°C ~ 60 °C (-4°F ~ 140°F)
Temperature display mode	Target temperature > 5°C, Absolute temperature value; Target temperature ≤5°C, relative temperature value (temperature difference DEV = highest - average value)
Detection distance	Temperature detection distance between 3m to 5m

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
Maximum number of connections	10 users
Edge Storage	Local PC for instant recording 128GB Micro SD card
Web Viewer	<IE11, Chrome, Firefox
Web languages	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian

Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45
Audio interface	1xI / 1xO
Alarms	2xI / 2xO
RS485	Support
Manual reset	Support

General	
Power Supply	12Vcc/PoE (IEEE 802.3af)
Consumption	Max 10W
Operating temperatures	- 30°C~60°C(-22°F~140°F)
Storage humidity	0~ 90% RH
Certifications	CE/FCC
Degree of protection	IP66
Material	Metal
Dimensions	212x182x136mm
Weight	2Kg

Thermic views



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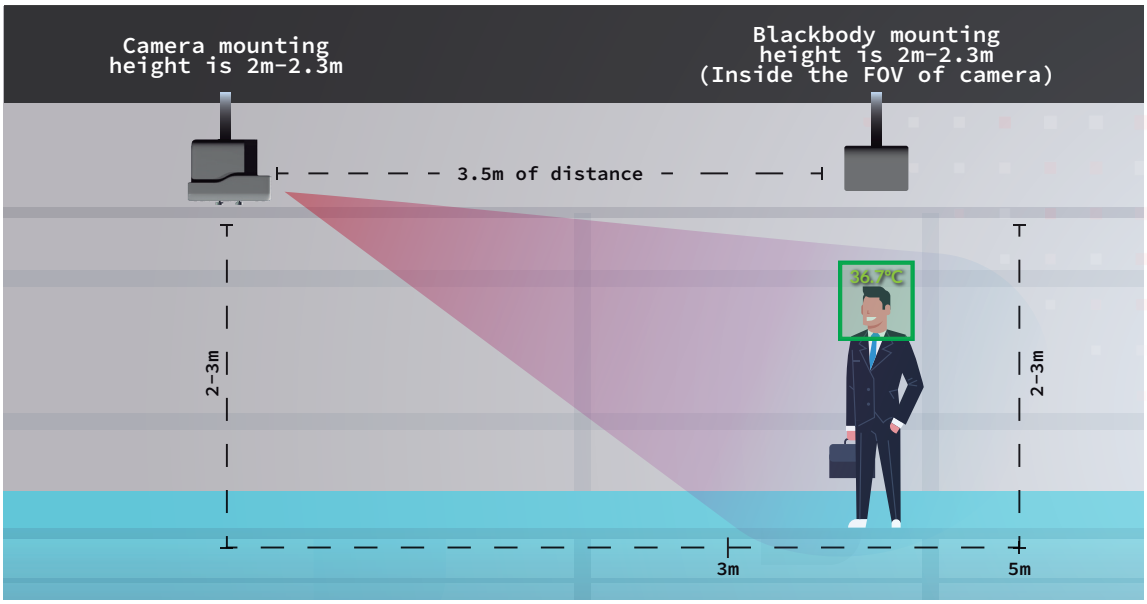
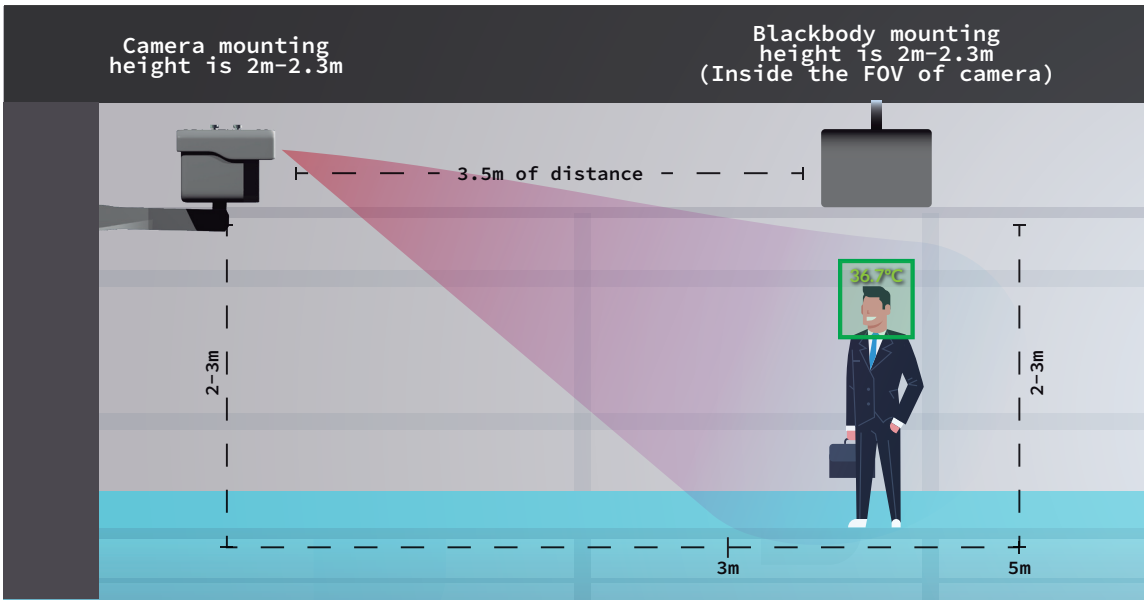
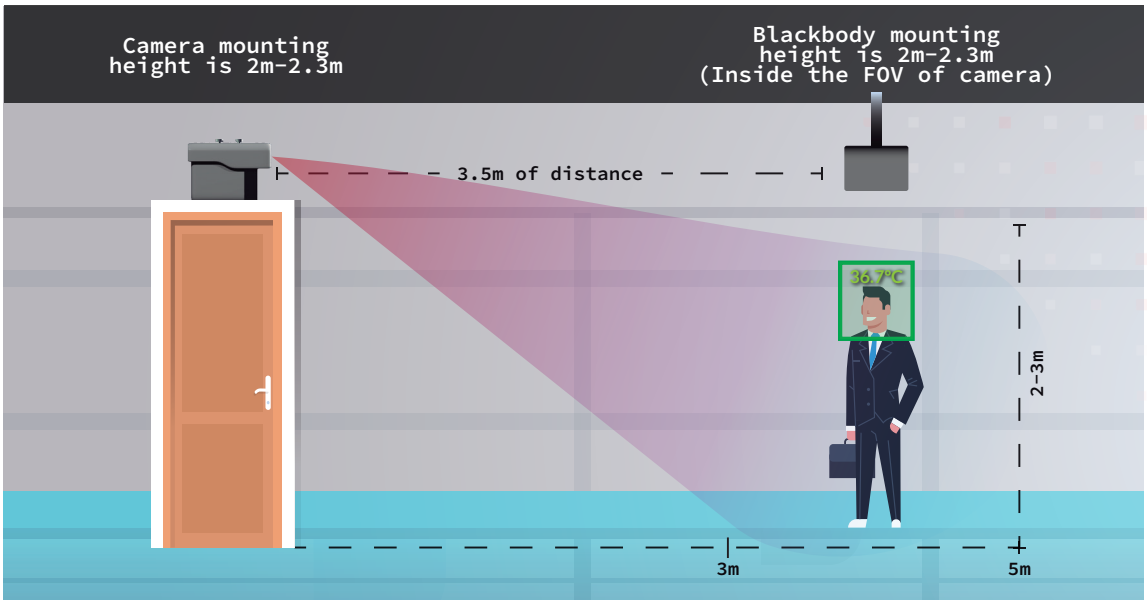
Ceilling Mount



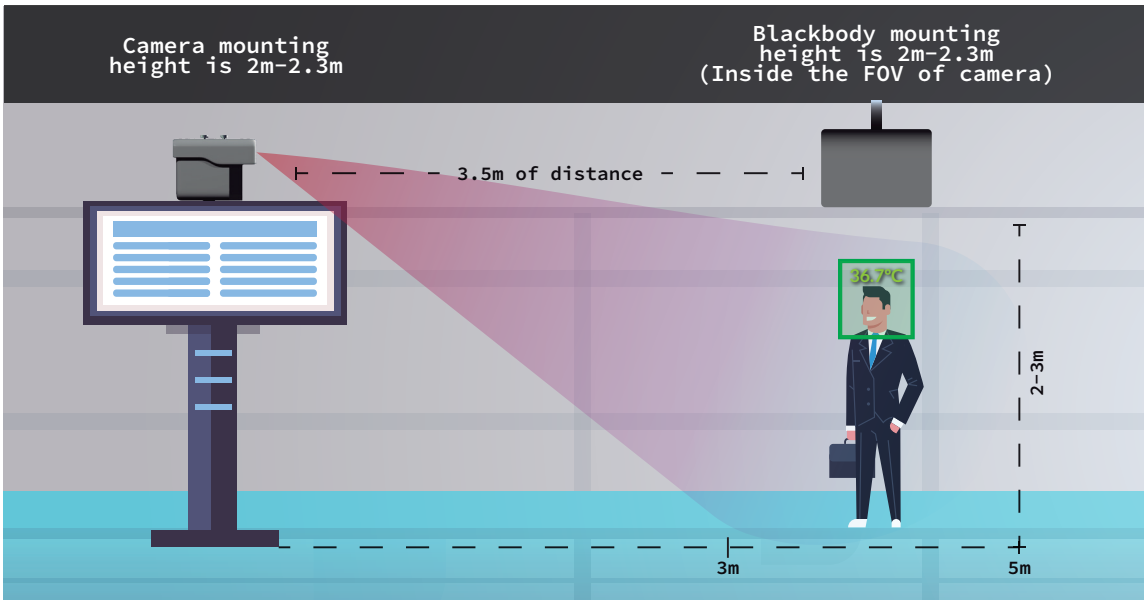
Wall Mount



Installing on the Security Gate



Pedestal Mount



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