D-Link®
Building Networks for People

Product Highlights

Advanced Thermal Detection

400 x 300 high sensitivity thermal sensor with sensitivity up to 40 mK

Accurate Face Detection and Body Measurement

Simultaneously measure up to 45 people with response times of ≤ 30 ms and accuracy of ± 0.3℃

Thermal and 2 MP Visable Dual Lens Camera

Sporting a 8 mm thermal fixed lens alongside a f2.7 ~ f12 mm visible motorized lens, satisfying all your needs

DCS-9500T
Group Temperature Screening Camera Kit

Features

High-accuracy Thermal Camera
- 400 (H) x 300 (V) effective pixels
- Thermal sensitivity up to 40 mK
- Boasting a f8 mm @F1.0 thermal camera
- Thermal camera wide angle of view of H:46° x V:35°

Temperature Detection
- Detect and measure up to 30 faces at the same time
- 2 x digital alarm inputs
- 2 x digital alarm outputs
- 1 x RS485
- Response times less than 30 ms

Exceptional Visible Video Quality
- 1/2.8" 2-megapixel progressive CMOS sensor
- f2.7 mm to f12 mm motorized lens with an aperture of F1.6~F2.9
- Auto focus support
- True Wide Dynamic Range (WDR)
- H.265, H.264, MJPEG

Centralized Temperature Monitoring
- Free CMS software included with temperature monitoring and high-temperature voice alarms[1]
- CMS Mask Detection - An alert is sent when the system detects someone is not wearing a mask

Rapidly deploy the DCS-9500T, the essential temperature screening system, in busy entrances or thoroughfares to get fast and accurate temperature readings. Advanced hardware features allow screenings of up to 45 people simultaneously. Timely visual and audible alarms notify of any temperature discrepancies, while 17 viewing modes and facial recognition allow rapid identification of the source.

Accurate Monitoring of Critical Areas

The DCS-9500T is designed for rapid results. It provides exceptional quality screening with its high-accuracy thermal camera operating at 400 x 300 effective pixels, while a sensitivity of 40 mK offers images with less noise and great results, even when crowds of people are concerned.

Paired with the blackbody, the DCS-9500T is able to measure down to an accuracy of ±0.3 ℃, so operators are made aware immediately of even miniscule temperature discrepancies. Together, the thermal camera and blackbody provide higher accuracy results with fewer false alarms.

Comprehensive and Intelligent Screening, Without the Wait

Temperature control points can cause bottlenecks in places with heavy foot traffic, requiring people to walk single file. With the capability of not only being able to simultaneously scan 45 people, but also return rapid results within 30 ms, growing queues are no longer a problem. Even when an unexpected temperature is detected, things do not come to a halt. Operators are notified immediately with either visual or audible alarms.

Integrated facial recognition allows the operator to rapidly identify the alarm trigger to then be submitted for further screening without causing a hold up. Facial recognition also works towards greatly reducing the number of false alarms by identifying non-human yet still high temperature objects (such as hot drinks) and discounting them.

Dual Lenses Leave You Better Informed

The DCS-9500T features dual-lens technology, with concurrent thermal and optical imaging. Together they create exceptional high-quality footage that is overlaid onto each other, offering the best of both lens' features unified into one rich image.

The resulting footage can be viewed in 17 different modes or color palettes. The outcome is imaging that is rich in content, but presented in an intelligible, easy to understand form. Therefore, when an alarm sounds, operators can rely on imaging with a high level of clarity to identify the source.

Multisite Control, Simplified with Centralized Management

Content management software comes bundled with the DCS-9500T Group Temperature Screening Camera Kit. Packed with several features to truly get the most out of the solution, it allows administrators to remotely manage and configure devices, be it one or several, across multiple sites.

It is an incredibly effective tool for staying fully informed, no matter what the situation is on the ground. Features include user, device and server management, inspection of captured faces and generation of reports assessing gathered data and statistics. Zoom can also be controlled remotely, as well as changing of monitoring parameters, enhancing the solution's overall flexibility.

Technical Specifications

Camera

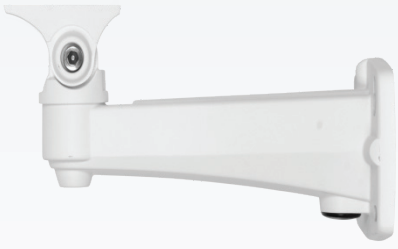|		

Thermal Camera Hardware	• Image sensor: Uncooled IRFPA Microbolometer
	• Effective pixel: 400 (H) x 300 (V)
	• Pixel Size: 17 um
	• Thermal Sensitivity ≤ 40 mk @ F1.0
	• Spectral Range: 8~14 um
		• Focal length: f8 mm
		• Aperture: F1.0
		• Angle of view:
		  • (H) 46°
		  • (V) 35°
		• Color Palettes: Black-Heat/White-Heat/Raindow/Iron-Red up to 17 modes

Visible Camera Hardware Profile	• 1/2.8" Sony progressive CMOS sensor • Minimum illumination: 0.15 lux/ F2.0 (color) • Motorized length: f2.7~f12 mm	• Aperture: F1.6~F2.9 • Horizontal adjustable angle of view (motorized lens): 105°~32° • Minimum object distance: 0.5 m
Temperature Detection[2]	• Detection Target: Max 45 People • Temperature Alarm: Over temperature alarm	• Accuracy: 0.3° C • Detection distance: 3~5 m (recommended 4 m)
Video Compression	• Simultaneous H.265/H.264/MJPEG encoder compression	
Video Resolution	• Visible camera: 1920 x 1080, 1280 x 720 up to 30 fps	• Thermal camera: D1 up to 30 fps
Audio Support	• G.711_μ-law	• AAC
External Device Interface	• 10/100BASE-TX Fast Ethernet port • 2 x Digital Input (DI) • 2 x Digital Output (DO) • Supports 802.3af PoE (Class 3)	• RS485 • Audio Input • Audio Output

Network

Network Protocols	• IPv4 • TCP/IP • UDP	• DHCP client • HTTP/HTTPS • RTP / RTSP/ RTCP

System Management

Event Management	• Motion detection • Temperature detection	• I/O alarm • Mask detection[5]
System Requirements for Web Interface	• Windows 10	• Internet Explorer 11
System Requirements for CMS	• Microsoft® Windows® 10 Pro (64 bit) / Microsoft® Windows® 10 Enterprise (64 bit)	

General	
Weight	• 9.5 kg (20.9 lbs)[3]	
Power Consumption	• Max 10 W	
Temperature	• Operating: -30 to 60 ℃ (-22 to 140 ℉)	• Storage: -20 to 70 ℃ (-4 to 158 ℉)
Humidity	• Operating: Max 90 % non-condensing	• Storage: Max 90 % non-condensing
Bracket	• 2 x wall mount (1 x camera mount, 1 x black body mount)	
Certifications	• CE • CE LVD	• FCC
Dimensions	

DCS-9500T Group Temperature Screening Camera Kit

Order Information	
Part Number	*Description*
DCS-9500T	Thermal camera Blackbody calibrator 2 x wall mounts
DCS-9500T-1	Ceiling-Mount (Optional)

Compatible NVR	
Model Name	Description
DNR-2020-04P	16-Channel PoE Network Video Recorder[4]

Accessories		
Model Name	Wall-Mount Bracket	Ceiling-Mount Bracket (Optional)
Product Image		
Dimensions (L x W x H)	234(L) x 9 5(W) x 117(H) mm	φ140 mm x 690 mm~φ140 mm x 1200 mm (Adjustable length)
Product Weight	414 g	1020 g
Material	Alloy	Alloy
Camera Models Supported	DCS-9500T (blackbody and thermal camera)	DCS-9500T (blackbody and thermal camera)

[1] Intranet camera in a closed network is highly recommended.

[2] Avoid wind, sunshine, and high-temperature object reflections in the background for the most accurate results. Indoor installation is highly recommended.

[3] Weight includes camera, black body calibrator and 2 mounts.

[4] Monitors and records visual spectrum live view only. Does not support thermal camera image. You must first enable H.264 compression before connecting to D-Link NVRs.

[5] The mask detection feature needs to be enabled manually on the CMS software. This feature is only available on the DCS-9500T.

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