D-Link
Building Networks for People

Product Highlights

Advanced Thermal Detection

400 x 300 high sensitivity thermal sensor with sensitivity ≤ 40 mK

Accurate Face Detection and Body Measurement

Simultaneously measure up to 30 people with response time of ≤ 30 ms and accuracy of ± 0.3°C

Thermal and Visible Spectrum Dual Lens Camera

Sporting a 8 mm thermal fixed lens alongside a f2.7 ~ f12 mm visible spectrum motorized lens to satisfy all your needs

DCS-9500T

Body Temperature Measuring Solution

Features

High-accuracy Thermal Camera

- 400 (H) x 300 (V) effective pixels
- Thermal sensitivity up to 40 mK @F1.0
- Boasting a f8 mm @F1.0 thermal camera
- Thermal camera 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 temperature alarms
- Response times less than 30 ms

Exceptional Visible Spectrum 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
- H:105° x V:32° angle of view
- True Wide Dynamic Range (WDR)
- H.265, H.264, MJPEG

Closed Network Temperature Monitoring

- Free CMS software included.
- Offers temperature monitoring and alarms[1]

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 30 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. The thermal camera with 400 x 300 effective pixels provides exceptional quality screening, while a sensitivity of 40 mK offers images with less noise and great results, even when crowds of people are concerned. Paired with the included Blackbody, its able to measure down to an accuracy of ±0.3 °C, so operators are made aware immediately of even tiny temperature discrepancies.

Comprehensive and Intelligent Screening, Without the Wait

Temperature control points can cause bottlenecks in places with heavy foot traffic, with people required to walk single-file. But with the capability to not only scan 30 people simultaneously, but also return rapid results in 30 ms or less, queuing is no longer required. And even when an unexpected temperature is detected, things do not come to a stop. Operators are notified immediately with either visual or audible alarms. Facial recognition allows the operator to rapidly identify the source to then be submitted for further screening without causing a hold up.

DCS-9500T Body Temperature Measuring Solution

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 can be overlaid onto each other, offering the best of both lens' features unified into one image. The resulting footage can be viewed in 17 different modes/ color palettes. Captured high-quality footage can be compressed and stored on an NAS for reviewing at a later time for essential actions such a contact tracing.

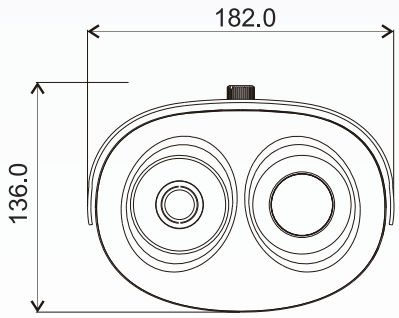
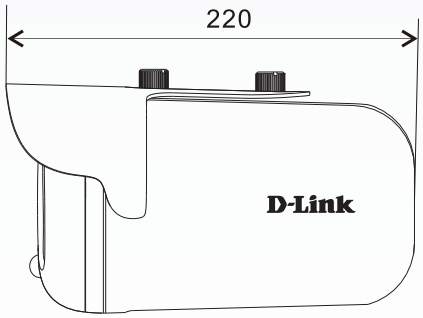
Technical Specifications

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 Spectrum Camera Hardware Profile	• 1/2.8" Sony progressive CMOS sensor • Minimum illumination: 0.15 lux/ F2.0 (color) • Motorized length: f2.7~f12 mm	• Aperature: F1.6~F2.9 mm • Adjustable angle of view (motorized lens): Horizontal: 105°~32° • Minimum object distance: 0.5 m
Temperature Compression[2]	• Detection Target: Max 30 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 spectrum camera: 1920 x 1080 up to 30 fps	• Thermal camera: D1 up to 30 fps
External Device Interface	• 10/100BASE-TX Fast Ethernet port	• Supports 802.3af PoE Class 3

DCS-9500T Body Temperature Measuring Solution

Network		
Network Protocols	• IPv6 • IPv4 • TCP/IP • UDP	• DHCP client • HTTP/HTTPS • RTP / RTSP/ RTCP
System Management		
Event Management	• Motion detection • Temperature detection	• I/O alarm
System Requirements for Web Interface	• Windows 10 / 8 / 7	• 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 °C (-22 to 140 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: Max 90 % non-condensing	• Storage: Max 90 % non-condensing
Bracket	• 2 x wall mount (1 x camera mount, 1 x Blackbody mount)	
Certifications	• CE • CE LVD	• FCC
Dimensions		
Order Information		
Part Number	*Description*	
DCS-9500T	Thermal camera and blackbody calibrator	

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

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

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

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