# D-Link®
**Building Networks for People**

## DCS-9200T
# 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 16 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-9200T, 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 16 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-9200T 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 16 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.

## Dual Lenses Leave You Better Informed

The DCS-9200T 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 NVR for reviewing at a later time for essential actions such a contact tracing.
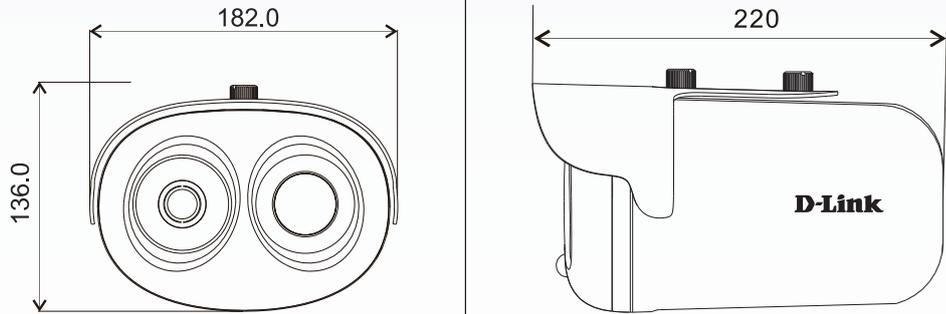
## Technical Specifications

### Camera

| | | |
|---|---|---|
| Thermal Camera Hardware | • Image sensor: Uncooled IRFPA Microbolometer<br>• Effective pixel: 400 (H) x 300 (V)<br>• Pixel Size: 17 um<br>• Thermal Sensitivity ≤ 40 mk @ F1.0<br>• Spectral Range: 8 ~14 um | • Focal length: f8 mm<br>• Aperture: F1.0<br>• Angle of view:<br>  • (H) 46°<br>  • (V) 35°<br>• 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<br>• Minimum illumination: 0.15 lux/ F2.0 (color)<br>• Motorized length: f2.7~f12 mm | • Aperature: F1.6~F2.9 mm<br>• Adjustable angle of view (motorized lens): Horizontal: 105°~32°<br>• Minimum object distance: 0.5 m |
| Temperature Compression[2] | • Detection Target: Max 16 People<br>• Temperature Alarm: Over temperature alarm | • Accuracy: 0.3° C<br>• 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 |

## Network

| Network Protocols | • IPv6<br>• IPv4<br>• TCP/IP<br>• UDP | • DHCP client<br>• HTTP/HTTPS<br>• RTP / RTSP/ RTCP |
|---|---|---|

## System Management

| Event Management | • Motion detection<br>• 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<br>• CE LVD | • FCC |
| Dimensions |  | |

## Order Information

| Part Number | Description |
|---|---|
| DCS-9200T | Thermal camera and blackbody calibrator and Network Video Recorder |

[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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