SSC-DH-TPC-BF5421-T Thermal Camera, JQ-D70Z Blackbody and DHI-NVR5216-16P-I 4TB NVR Recording System

Product Overview

DH-TPC-BF5421-T Thermal Camera and JQ-D70Z Blackbody can identify individuals with an elevated temperature. With a built-in AI algorithm, it can monitor multiple people from 9.8 feet away and 4.3 feet wide, enabling fast assessment without personal contact. Monitors temperature even when people use face accessories & headwear and rejects false positives like hot drinks. The thermal camera, blackbody and recording system is perfect for the following applications; hospitality, public transportation, commercial buildings, casinos, education and retail. It provides accurate, fast and mass temperature scanning. The thermal camera offers the latest hybrid thermal network camera that combines a Vanadium Oxide sensor with a 2 MP visible-light sensor. The Vanadium Oxide detector offers high thermal sensitivity (≤ 50 mK) that allows thermal cameras to distinguish objects in a scene with minimal temperature differences. The camera captures detailed images where thermal contrast between object and background is minimal.

Prices

JQ-D70Z
$5,999

DH-TPC-BF5421-T 421-T
$13,799

DHI-NVR5216-16P-I 4TB
$249

Product Features

- Safe, Efficient, and Accurate Temperature Monitoring
- ±0.3° C (±0.54° F) Temperature Measurement (with blackbody)
- Long-distance Rapid Screening at up to 4.50 m (15.0 ft),
- Monitoring 30 People per Second
- Enhanced Power and Data Transmission Distances (ePoE)
- Recommended Use in Commercial Buildings, Healthcare Facilities,
- Airports, Metro Stations, and Public Gathering Locations
- NVR provides real time face detection to identify and capture human faces in digital images
- Thermal Camera has smart alarm, when an abnormal temperature is triggered it will set off a light and also take a snapshot
- Supports the ability to trigger alarms sent by SMS and email to multiple people
- 300x400 VOx uncooled thermal sensor technology
- A thermalized Lens (thermal camera), Focus-free
- Visible: 1/2.8" 2MP progressive scan Sony CMOS
- Dual-lens: Thermal 13mm / Visible 8mm
- Support Motion Detection, Thermal Color Palettes
- Supports thermometry (temperature measurement)
- High Accuracy: Max (±0.3°C, with black body/ ±1℃, without blackbody)

Ordering Information

Model	Comment
DH-TPC-BF5421-T	Hybrid Network Bullet Camera, Thermal: 300 x 400, 13 mm lens, Visible light: 2 MP, 8 mm lens
DH-TPC-BF5421-T Mounting Accessories (Optional)	Junction box, corner mount, pole mount and 12 VDC, 2 A Power Adapter and 12 1 A Power Adapter
DHI-NVR5216-16P-I	16-channel 1U ePoE 4K, H.265 Network Video Recorder with Analytics+, 4 TB
DHI-NVR5216-16P-I Accessories (Optional)	Rack Mount Tray 482.60 mm x 281.20 mm x 43.7 mm (19.0 in. x 11.07 in. x 1.72 in.)
Recommended Accessories	VCT-999: Tripod Two (2) required: • One (1) for thermal camera • One (1) for blackbody RQW026-00: Bracket Two (2) required: • One (1) to connect thermal camera to tripod • One (1) to connect Blackbody to tripod

Product Specification

Features Parameter	Description
Image Sensor	Uncooled VOx Focal Plane Detector
Thermal Sensitivity	≤40 mK
Temperature Measurement	30° C to 45° C (86° F to 113° F)
Accuracy	±0.3° C (±0.54° F), with blackbody
Operating Temperature	10° C to +30° C (50° F to 95° F)
Storage Conditions	−40° C to 70° C (−40° F to 158° F)
Measurement Distance	4.50 m (15.0 ft)
People per Second	30/S
Angle of View	Horizontal: 30.0° Vertical: 22.60°
Network	Ethernet: RJ-45
Storage	FTP MicroSD Card slot (up to 256 GB)
User Management	Supports 20 users at one time and users are classified as one of two groups: administrator or user
Security	Authorized username and password; attached MAC address; encrypted HTTPS; IEEE 802.1x; controlled network access
Focal Length	13mm
Web Viewer	IE 8 or later, Explorer with IE Core Google: 42 and the earlier Firefox: 42 and the earlier Safari: 10 and the earlier
Camera Power Supply	Standard: 5 W Maximum 12 W
NVR Operating System	Embedded Linux
NVR # Of Channels	16
Two- Way Talk	Input: One (1) Microphone, RCA Output: (1) Channel, RCA
Interface	One (1) HDMI Output One (1) VGA Output
Native Output Resolution	3840 x 2160, 1920 x 1080, 1280 x 1024, 1280 x 720 1024 x 768
Multi-Screen Display	1, 4, 8, 9, 16
Record Methods	Manual, Schedule (Continuous, Motion Detection, Alarm, IVS)
Trigger Events	Alarm Out, Video Push, Email, Recording, PTZ, Tour, Snapshot, Voice Prompt, Buzzer and Screen Tips
Third Party Support	Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, Pelco, Samsung, Sanyo, Sony, plus more
Maximum User Access	128 Users
Mobile Operating Systems	IOS, Android
NVR Power Supply	Single, 100 VAC to 240 VAC, 50/60 Hz
NVR Power Consumption	< 16.5 W, without HDD
NVR Operating Conditions	−10° C to +55° C (14° F to 131° F)
Temperature Resolution	0.1° C
Temperature Accuracy	±0.2° C (single point)
Temperature Stability	±0.1° C to 0.2° C / 30 minutes
Blackbody Power Supply	110 VAC to 220 VAC
Blackbody Power Consumption	35W
Ambient Operating Conditions	0° C to 40° C (32° F to 104° F), ≤ 80% RH

Product Dimensions: