DS-2TD4035D-25/50

Thermal + Optical Bi-spectrum Network Speed Dome



Smart Function (Thermal Imaging)

- Smart tracking: support panorama tracking, event tracking and multi-scene patrol tracking
- Smart detection: intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection
- Smart recording: support edge recording
- Smart encoding: support low bitrate
- Smart tracking linkage: thermal and visible image

IR Function

- High-performance IR array, up to 150m IR distance
- Smart IR
- IR intensity automatically adjusted, depending on the zoom ratio
- Built-in temperature conditioner
- 30,000 hour life-time IR LED

Thermal Imaging Module Function

- 384x288 resolution, high sensitivity sensor, support contrast adjustment
- Support shutter adjustment in various modes
- 3D DNR, 14 pseudo colors adjustable, image detail enhancement
- Support mirror image and local output
- 24/7 long-distance surveillance; 25mm and 50mm lens optional

Visible Light Module Function

- 30X optical zoom(4.3mm to 129mm), 16X digital zoom
- Support auto iris, auto focus, auto white balance, backlight compensation, WDR and 3D DNR
- Image enhancement (visible light): defog, high light compensation, EIS
- Region exposure and region focus
- ROI
- Support privacy mask, optional multiple regions, colors and mosaics

Specifications

Parameter	Model	DS-2TD4035D-25, DS-2TD4035D-50	
		Thermal + Optical Bi-spectrum Network Speed Dome	
Infrared Module	Image sensor	Vanadium Oxide Uncooled Focal Plane Detectors	
	Max. Resolution	384 × 288	
	Response waveband	8~14μm	
	NETD	< 50mk(@25°C,F#=1.0)	
	Reference Object Size	Human: 1.8*0.5m	Vehicle: 1.4*4.0m
	Lens (focal length)	25mm	50mm
	MRAD	1mrad	0.5
	Detection range (Vehicles)	1533m	3067m
	Detection range (Humans)	500m	1000m
	Recognition range (Vehicles)	383m	767m
	Recognition range (Humans)	125m	250m
	Identification range (Vehicles)	192m	383m
	Identification range (Humans)	63m	125m
	Field angle	21.7x16.4°	11.0x8.2°
	F number	1.0	1.0
PTZ	Pan range	360° endless	
	Pan speed	Manual Control Speed: 0.1°-160°/s Preset Speed: 240°/s	
	Tilt range	-15°-90° (auto flip)	
	Tilt speed	Manual Control Speed: 0.1°-120°/s Preset Speed: 200°/s	
	Proportional zoom	Support	
	Number of preset	300	
	Patrol	8 patrols, up to 32 presets per patrol	
	Pattern	4 patterns, with the recording time not less than 10 minutes per pattern	
	Power-off memory	Support	
	Park action	Preset / Patrol / Pattern /Pan scan/Tilt scan/Random scan/Frame scan/Panorama scan	
	PTZ position display	On / Off	
	Preset freezing	Support	
	Scheduled task	Preset / Patrol / Pattern /Pan scan/Tilt scan/Random scan/Frame scan/Panorama scan/Dome reboot /Dome adjust /Aux output	
Infrared	IR distance	150m	
	IR intensity	Automatically adjusted, depending on the zoom ratio	
Network	Max. image resolution	1920×1080 (visible light), 384×288(infrared)	
	Main stream	50Hz:25fps(1920×1080), 25fps(1280×960), 25fps(1280×720) (visible light) 60Hz:30fps(1920×1080), 30fps(1280×960), 30fps(1280×720) (visible light) 50Hz:25fps(384×288) (thermal)	
	Sub stream	50Hz:25fps(704×576), 25fps(352×288), 25fps(176×144) 60Hz:30fps(704×480), 30fps(352×240), 30fps(176×120) 50Hz:25fps(384×288) (thermal)	
	Video compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High Profile	
	Audio compression	G .711u/G.711a/G.722.1/MP2L2/G726/ PCM	
	Protocols	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP,UDP,IGMP,ICMP,DHCP,PPPoE,Bonjour	
	Simultaneous live view	Up to 20	
	User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User	
	Security measures	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering	
Integration	Alarm input	7 inputs (0-5vDC)	
	Alarm output	2 relay outputs, alarm response actions configurable	
	Alarm action	Preset/Patrol/Pattern/SD recording/Relay output/Smart capture/FTP upload/Email linkage	
	Audio input	1 Mic in/Line in interface. Line input: 2-2.4V[p-p], output impedance:1KΩ±10%	
	Audio output	Line level, impedance: 600Ω	
	Ethernet	1 RJ45 10M/100M Self-adaptive Ethernet interface	

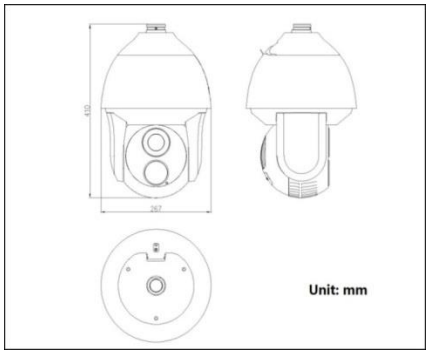
	Memory card	Built-in Micro SD card slot, support Micro SD/SDHC/SDXC card (up to 64G), support manual/alarm recording
	Analog video output	1.0V[p-p] / 75Ω, PAL(or NTSC), BNC
	RS485 protocols	Half-duplex; HIKVISION, PELCO-P, PELCO-D, self-adaptive
	Application programming	Open-ended API, support ONVIF, PSIA, CGI, HIKVISION SDK and third-party management platform
	Client	iVMS-4200
	Web browser	IE7+, Chrome18+, Firefox5.0+, Safari5.02+
General	Menu language	English
	Power	AC24V, 60W max
	Working temperature Humidity	24 VAC: -40 ℃-60℃(-40℉-140℉), 90% or less
	Protection level	IP66 TVS 6000V Lightning protection, surge protection, voltage transient protection
	Mount option	Various options
	Dimensions	Φ266.6(mm)×365.2(mm)
	Weight	8kg

Available Model

DS-2TD4035D-25

DS-2TD4035D-50

Dimensions



Accessories



DS-1602ZJ Long-arm wall mount



DS-1602ZJ-Pole mount



DS-1602ZJ-Corner mount



DS-1602ZJ-Box Power box mount

Distributed by

s

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Europe
T +31-23-5542770
saleseuro@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision France
T +33(0)1-85-330-444
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision UK
T +44-1628-9021-4
support.uk@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

© Hikvision Digital Technology Co., Ltd. 2016 | Data subject to change without notice |