

Product SPECIFICATION SHEET

HIKVISION

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DS-2TD2166-15



Hikvision DS-2TD2166-15/25/35 Thermal Network Bullet Camera adopts vanadium oxide uncooled focal plane sensor to enhance the thermal image quality.

Smart Function (Thermal Imaging)

- Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD < 50mk (0.05°C/32.09°F)
- Powerful behavior analysis algorithm: Line crossing, Intrusion, Region Entrance & Exit
- Reliable temperature exception alarm function
- Advanced fire detection algorithm

Thermal Imaging Module Function

- 640*512 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
- 15mm, 25mm, and 35mm lens are optional

Parameter		Model	DS-2TD2166-15	DS-2TD2166-25	DS-2TD2166-35
			Thermal Network Bullet Camera		
Thermal Module	Image sensor		Vanadium Oxide Uncooled Focal Plane Arrays		
	Max. Resolution		640 x 512		
	Response waveband		8μm to 14μm		
	NETD		< 50mk (@25°C,F#=1.0)		
	Lens (focal length)		15mm	25mm	35mm
	MRAD		1.13mrad	0.68mrad	0.49
	Field of View		39°×32°	24°×19°	17°×14°
	F number		1.0		
	Main stream		50fps(640×512, 384×288, 352×288)		
	Sub stream		50fps(640×512, 384×288, 352×288)		
	Third stream		50fps(640×512, 384×288, 352×288)		
	Video compression		H.264/MJPEG/MPEG4, H.264+ encoding with Baseline/Main/High Profile		
	Audio compression		G.711u/G.711a/G.722.1/MP2L2/G.726/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		
Integration	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		
	Alarm input		2-ch inputs (0-5VDC)		
	Alarm output		2-ch relay outputs, alarm response actions configurable		
	Alarm action		SD recording/Relay output/Smart capture/FTP upload/Email linkage		
	Audio input		1 3.5mm Mic in/Line in interface. Line input: 2-2.4V[p-p], output impedance:1KΩ±10%		
	Audio output		Line level, impedance: 600Ω		
	Reset		1 Reset Button		
	Ethernet		1 RJ45 10M/100M Self-adaptive Ethernet interface		
	SD 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		POE+ (802.3at), 24VAC, 12VDC/3A, 8W (18W with De-icing Heater On)		
	Working temperature		-40 °C to 65 °C (-40 °F to 140 °F), 90% or less		
	Humidity				
	Protection level		IP66 TVS 6000V Lightning protection, surge protection, voltage transient protection		
	Dimensions		314mm×104mm×292.7mm (12.36"×4.09"×11.52")		
	Weight		2kg (4.41lb)		

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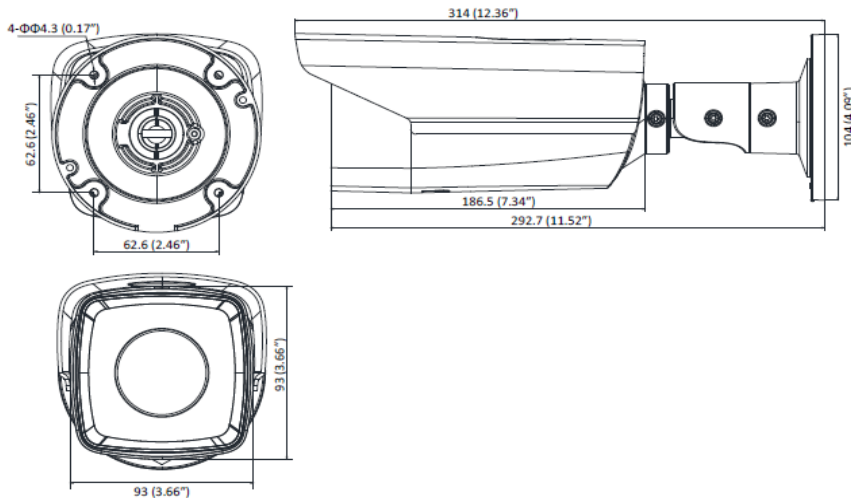
Wide Range Coverage for Different Specifications

Lens (focal length)	10mm	15mm	25mm	35mm	50mm	75mm
Detection range (Vehicles)	902m	1353m	2255m	3157m	4510m	6765m
Detection range (Humans)	294m	441m	735m	1029m	1471m	2206m
Recognition range (Vehicles)	225m	338m	564m	789m	1127m	1691m
Recognition range (Humans)	74m	110m	184m	257m	368m	551m
Identification range (Vehicles)	113m	169m	282m	395m	564m	846m
Identification range (Humans)	37m	55m	92m	129m	184m	276m

Order Models

DS-2TD2166-15; DS-2TD2166-25; DS-2TD2166-35

Dimensions



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