

DP-22TD2466-9x/25X Explosion-Proof Thermal Network Bullet Camera



Dunlop DP-22TD2466-9X/25X explosion-proof Thermal Network Bullet Camera adopts vanadium oxide uncooled focal plane sensor to enhance the thermal image quality. The explosion-proof Thermal Network Bullet Camera is equipped with explosion-proof enclosure made of stainless steel. It can be widely used in places such as: port, wharf, petrochemical industry, military industry.

Smart Function (Thermal Imaging)

- Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD < 40mk (0.04°C/32.07°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

Specifications

Parameter		Model	DP-22TD2466-9X	DP-22TD2466-25X
		Explosion-proof Thermal Network Bullet Camera		
Thermal Module	Image sensor	Vanadium Oxide Uncooled Focal Plane Arrays		
	Max. Resolution	640 × 512		
	Response waveband	8μm to 14μm		
	NETD	< 40mk (@25°C,F#=1.0)		
	Lens (focal length)	9mm	25mm	
	MRAD	1.89mrad	0.68mrad	
	Field of View	71.4° × 52°	24.55° × 19.75°	
	Min. Focusing Distance	1m	13m	
	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/ 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,I GMP,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	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 Humidity	-40 °C to 65 °C (-40 °F to 149°F), 90% or less		
	Protection level	IP66 TVS 6000V Lightning protection, surge protection, voltage transient protection		

Wide Range Coverage for Different Specifications

Note: The table below is only for reference, the performance varies from model to model, and the specific data is based on 17 μm pixel space-between.

Lens (focal length)	9mm	15mm	25mm	35mm	50mm	75mm
Detection range (Vehicles)	812m	1353m	2255m	3157m	4510m	6765m
Detection range (Humans)	265m	441m	735m	1029m	1471m	2206m
Recognition range (Vehicles)	203m	338m	564m	789m	1127m	1691m
Recognition range (Humans)	66m	110m	184m	257m	368m	551m
Identification range (Vehicles)	101m	169m	282m	395m	564m	846m
Identification range (Humans)	33m	55m	92m	129m	184m	276m

Smart functions Range Table

Note: The table below is only for reference, the performance varies from model to model, and the specific data is based on 17 μm pixel space-between.

Lens (focal length)	9mm	15mm	25mm	35mm	50mm	75mm
VCA range (humans)	65m	110m	183m	255m	360m	540m
VCA range (Vehicles)	185m	308m	514m	720m	1029m	1544m
Temperature measurement (Object:2×2 m)	210m	351m	585m	819m	1170m	1775m
Temperature measurement ((Object:1×1 m)	106m	177m	295m	413m	590m	885m
Fire Detection (Object:2×2 m)	529m	882m	1470m	2058m	2940m	4410m
Fire Detection (Object:1×1 m)	265m	441m	735m	1029m	1470m	2205m