

THERMAL IMAGING CAMERA

VP-NC82325B-AF25THI1 THERMAL NETWORK BULLET CAMERA



FEATURES

Dual imaging modes supported with integrated thermal and visual cameras

Uncooled FPA detector (VOx) thermal image sensor with 25mm fixed lens

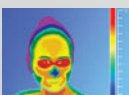
640×512 VGA thermal resolution for clearer imaging of distant objects

1/2.8" progressive scan CMOS sensor with 12mm fixed lens

Full HD visual camera with high resolution 2560 × 1920 (4MP) imaging

Up to 40 meter infrared vision and 260 meter thermal vision human recognition range

Waterproof IP66 rated enclosure with wind resistant design



Thermal
Imaging



1/2.8"
Progressive
Scan CMOS Sensor

RS-485



Port



IP66
Weather Proof

TECHNICAL SPECIFICATIONS

VP-NC82325B-AF25TH11

Thermal Camera Parameter	Image sensor	Vox uncooled FPA detector
	Pixels	640×512
	Pixel Pitch	12 μm
	Spectral Range	8 ~ 14 um
	Thermal Sensitivity NETD	≤40mK
	Focal Length	25 mm
	Focus Type	Athermal fixed focus
	FOV	17°×14°
	Aperture	F1.0
	Spatial Resolution	0.48mrad
	Color Palettes	20 modes selectable such as Blackhot / Whitehot / Rainbow,etc.
Visual Camera	Image Sensor	1/2.8" Progressive scan 5 MP CMOS sensor
	Effective Resolution	2560 (H)×1920 (V)
	Focal Length	12mm
	FOV	24°×18°
	Day /Night	ICR auto conversion/ Electronic color to B/W
	IR Illuminator	Max 40m
Dual-Spectrum Parameters	Dual-Spectrum Fusion	Support the thermal image to fuse visible image to improve image details
	PIP	Support thermal image overlaid on visual image in PIP mode
Network	Protocols	IPv4,HTTP,HTTPS,QoS,FTP,SMTP,UPnP,SNMP,DNS,DDNS, NTP,RTSP, RTCP,RTP,TCP,UDP,IGMP,ICMP,DHCP
	System Compatibility	ONVIF/SDK
	Simultaneous live view	Up to 20 channels
	User Management	Up to 20 users, 2 levels: Administrator and User
	Web Browser	Support IE , Chrome browser, English are supported
Video	Max.Resolution	2560×1920(Visible),1280×1024 (Thermal)
	Image Format	JPEG
	Audio Compression	G.711a/G .711Mu/AAC/ MPEG2-Layer2
	Video Compression	H.264/H.265
Frame Rate	Main Stream	Visual: 50Hz:25fps(2560×1920,2560×1440,1920×1080,1280×720) 60Hz:30fps(2560×1920,2560×1440,1920×1080,1280×720) Thermal: 50Hz:25fps(1280×1024,1024×768) 60Hz:30fps(1280×1024,1024×768)
	Sub Stream	Visual: 50Hz:25fps(704×576,352×288) 60Hz:30fps(704×480,352×240) Thermal: 50Hz:25fps(640×512) 60Hz:30fps(640×512)
Smart Function	Fire Detection	Yes, supported
	Alarm Linkage	Video/image/mail/ alarm output / sound and light alarm
	Smart Video	Alarm trigger recording, disconnection trigger recording
	Voice Intercom	Support two-way voice intercom
	Smart Alarm	Support triggering alarm and linkage alarm of network disconnection, IP address conflict, memory error, illegal access and burn alarm
	Smart Detection	Support event analysis functions such as area intrusion, tripwire intrusion, etc.

TECHNICAL SPECIFICATIONS

VP-NC82325B-AF25TH1

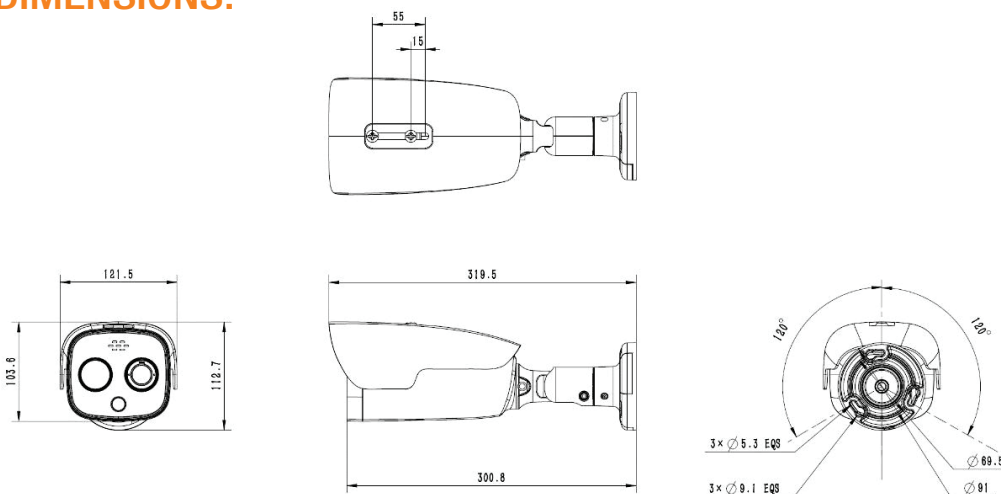
Interface	Ethernet	1x RJ45 self-adaptive 10M/100M Ethernet port
	Audio Interface	1channel input, 1 channel output
	Alarm Interface	2-channel input,2-channel output
	Storage Interface	Support Micro SD card (Max.256G)
	Communication Interface	1-channel RS485
Electrical	Power Supply	DC 12V±25% / PoE(802.3af)
	Power Consumption	Max.8W
General	Operating Temperature	-40°C to + 70°C
	Operating Humidity	<95% RH or less (non-condensing)
	Enclosure	IP66
	Dimensions (mm)	319.5×121.5×103.6mm(W×H×L)
	Weight	≤1.8kg
Certificates	Certificate	CE,FCC,RoHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

The recommended distance of detecting, recognition and identification for human (1.8×0.5m) and vehicles (1.4×4.0m) are as follows:
DD stands for Detecting Distance; RD stands for Recognition Distance; ID stands for identification Distance.

Lens	DD (Vehicle)	DD (Human)	RD (Vehicle)	RD (Human)	ID (Vehicle)	ID (Human)
9.1mm	1163m	379m	291m	95m	145m	47m
13mm	1661m	542m	415m	135m	208m	68m
19mm	2428m	792m	607m	198m	303m	99m
25mm	3194m	1042m	799m	260m	399m	130m
35mm	4472m	1458m	1118m	365m	559m	182m

DIMENSIONS:



VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton
West Midlands, WV6 0JZ United Kingdom

Ph: +44-1902793383, Email: sales@vantagesecurity.com

www.vantagesecurity.com

(AN ISO 9001 : 2008, ISO14001 : 2004 CERTIFIED COMPANY)

