

THERMAL IMAGING CAMERA

VV-NC92215B-AF8TH12T1 THERMAL NETWORK BULLET CAMERA



FEATURES

Uncooled detector 384 × 288 resolution

12.3mm thermal imaging lens

Effective Pixels 640 × 512

Support temperature monitoring and exception alarm

Capturing 30 faces simultaneously

Multi-palette: white, black, pseudo-color

Supports Intelligent analytics



Motion
Detection

RS-485



Port



SD Card

ROI

Region of
interest



IP66
Weather Proof

TECHNICAL SPECIFICATIONS

VV-NC92215B-AF8TH12T1

Thermal Camera	Image sensor	Vanadium oxide uncooled focal plane detector
	Effective Pixels	384(H) x288(V)
	Pixel size	17um
	Thermal Sensitivity (NETD)	≤35mK
	Color Palettes	Black, White, Pseudo-color
	IRIS Type	Fixed Iris
Thermal Lens	Lens	12.3mm@F1.0
	Field of View	29.7°x22.5°(HxV)
	Min. Focusing Distance	1.34 m
	Temperature Measuring Distance.	2-6 m
Visible Light Module	Image Sensor	1/ 2.7 “progressive scan CMOS sensor
	Image Size	2592 x 1944
	Electronic Shutter	1 / 30 s ~ 1 / 100000 s
	Iris Type	Fixed Iris
	Min. Illumination	0.0125 lux@F2.0,AGC ON;0.0045 lux@F1.2,AGC ON; 0 lux with IR
	Lens	8mm@F2.0
	Field of View	38°x27.5°(HxV)
Compression	Video Compression	H.265 / H.264
	H.264 Compression Standard	Baseline Profile / Main Profile / High Profile
	Audio Compression	G711A/U
Resolution and Frame Rate	Max. Resolution	Thermal : 704 x 576 Visible Light: 5MP (2592 x 1944), 4MP (2592 x 1520), 2K (2560 x 1440), 3MP (2304 x 1296),1080P (1920 x 1080), 720P (1280 x 720), D1, CIF, 480 x 240
	Main Stream	Thermal : 60Hz: 704x 480 (1~30fps); 50Hz: 704 x 576(1~25fps) Visible Light: 60Hz: 5MP/4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 5MP/4MP/2K/3MP/1080P/720P (1~25fps)
	Sub Stream	Visible Light: 60Hz: 720P/D1/CIF (1~30fps); 50Hz: 720P/D1/CIF (1~25fps)
	Third Stream	Visible Light: 60Hz: D1/CIF/480 x 240(1~30fps); 50Hz: D1/CIF/480 x 240(1~25fps)
Operational Features	Wide Dynamic Range	120dB
	BLC	Supported
	HLC	Supported
	Defog	Supported
	ROI	8 regions; each ROI to be configured separately
	Temperature Alarm	High temperature alarm, low temperature alarm
	Temperature Measurement	±0.5°C@(30°C~45°C, without blackbody) ±0.3°C@(30°C~45°C, without blackbody) A maximum of 30 people can be measured simultaneously
	Digital NR	Inbuilt 2D/3D DNR (Digital Noise Reduction) circuit
	Image Settings	ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser
	General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction
	Video & Data Overlay	The thermal image can be overlaid on visible light image The temperature can be overlaid on visible light image
	Alarm Trigger	Motion detection, SD card error, SD card full, IP address conflict, Cable connection
	IR Range	20 ~ 30 m

TECHNICAL SPECIFICATIONS

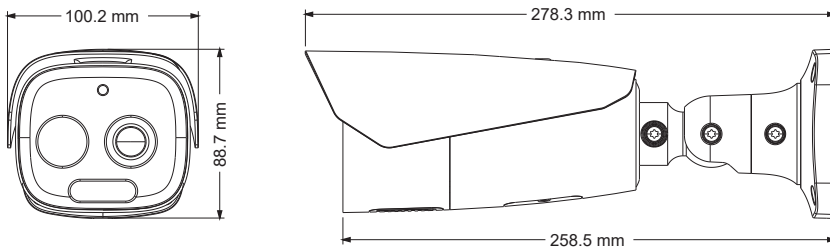
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Network	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
	System Compatibility	ONVIF
	Max. User Access	10 Users
	Remote Monitoring	Web browsing, CMS remote control
	Network Storage	Built-in micro SD card slot; up to 256GB
Analytics Feature	Sound & Light Warning	Yes, supported
	Smart Features	Region intrusion/entrance/exiting (human/vehicle classification), line crossing (human/vehicle classification), scene change detection, missing/abandoned object detection, line crossing people/vehicle counting, face detection, face capture
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Audio Interface	1CH audio input; 1CH built-in speaker
	Alarm	1CH alarm input; 1CH alarm output
	RS485	Yes, supported
	Reset Button	Yes, supported
General	Enclosure	IP66 Weather proof enclosure
	Power Supply	DC12V/POE (IEEE802.3 af, class0)
	Power Consumption	Max 9W
	Operating Temperature	16 °C ~ 35 °C (without wind)
	Operating Humidity	95% or less (non-condensing)
	Dimension	278.3 × 100.2 × 88.7mm
	Weight	Approx. 1.18KG
Certifications	Certifications	CE, FCC, RoHS

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

DIMENSIONS

Unit: mm



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