UN-IPC2-THERMAL

Uniview H.265 4MP LightHunter dual-spectrum Thermal Network Bullet Camera

Product Overview

Uniview H.265 4MP LightHunter dual-spectrum Thermal Network Bullet Camera, Smoke / fire / temp, Vanadium Oxide uncooled focal plane arrays sensor Type, 256x 192 original Resolution, 1/1.8" 4.0 Megapixel Progressive Scan CMOS sensor, 4mm @ F1.6 Lens, ULTRA265 / H.265 / H.264 / MJPEG Compression, Triple streams, Two-Way audio, Micro SD up to 256 GB, 1x RJ45 10M/100M Base-TX Ethernet, Audio I/O



Specifications

Overview:

TIC2621SR-F3-4F4AC-VD 4MP Dual-spectrum Thermal Network Bullet Camera

- Thermal & Optical dual-spectrum image, dual video with single IP address, adaptable to more various scenes
- 1/1.8" target surface, high sensitivity sensor, satisfy the need of starlight monitoring
- Support reliable fire detection, smoking detection and fire shield area
- Thermal module supports temperature detection and cold&hot spot tracking which highlights the abnormal temperature, and link to alarm
- Thermal & Optical dual-spectrum smart intrusion prevention: cross line, enter area, leave area, intrusion
- Support picture-in-picture mode, real-time contrast live, more convenient and clear
- Support audio and light alarm, with red and blue warning lights built in
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- Max 2688*1520@30fps in the optical module and Max 720P@30fps in the thermal module
- DC12V+/-25% or PoE power supply
- Alarm 2 in and 2 out, Audio 1 in and 1 out, Micro SD, up to 256 GB

Specifications:

© 2022 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications

Product Code	UN-IPC2-THERMAL
Item	TIC2621SR-F3-4F4AC-VD
Thermal Module	
Sensor type	Vanadium Oxide Uncooled Focal Plane Arrays
Original Resolution	256*192
Field of View(H*V)	57.0 degrees~42.0 degrees
Video Resolution	720P(1280*720), Max 30fps
Response waveband	8~14um
Pixel size	12um
IFOV	3.75mrad
NETD	<=55mk @f/1.0 @25 degreesC
Lens(focal length)	3.2mm@F1.1
Palette	Up to 20 palettes of optional color, including: white hot, lava, iron oxide red, hot iron, medical, arctic, rainbow 1, rainbow 2, rainbow 3, depict hot, ice hot, black hot, mazarine, fusion, red hot, green hot, color 1, color 2, rain, puce
Detection Distance	Vehicle: 316m (target size 4mx1.4m), human: 126m (target size 1.8mx0.5m)
Recognition Distance	Vehicle: 79m (target size: 4mx1.4m), human: 32m (target size: 1.8mx0.5m)
Identification Distance	Vehicle: 45m (target size: 4mx1.4m), human: 18m (target size: 1.8mx0.5m)
Optical Module	
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS
Lens	4mm@F1.6
Iris	Fixed aperture
Video Resolution	4MP(2688*1520), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s
Min. Illumination	Colour:0.001lux (F1.6, AGC ON)
	B/W: 0.0005lux(F1.6, AGC ON)
	0 lux with IR
WDR	120dB
Day/Night	IR-cut filter with auto switch (ICR)
IR Range	Up to 50m (164 ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
BLC	Supported
Smart (thermal module)	
Fire Detection	Support the detection of fire point in the environment and up to 10 fire points can be detected
Smoking Detection	Support the detection of smoking in the environment and link to alarm

Temperature detection	Support area detection, and link to alarm, the temperature value can be added to the alarm picture
	Support cold&hot point tracking, timely and clearly shows the abnormal point
	Up to 12 rules can be set
	Temperature range: -20 degreesC ~+150 degreesC
	Temperature accuracy: Max (+/-8 degreesC/+/-8%)
Smart intrusion prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area, Leave Area
	Support motor vehicle and pedestrian detection capture and plan arming
Smart (optical module)	
Exception Detection	Object left behind detection, Object removed detection, Scene Change Detection
Smart intrusion prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area, Leave Area
	Support motor vehicle, non-motor vehicle and pedestrian detection capture and plan arming
Event	
Audio and light alarm	Support audio and light warning function, with red and blue warning lights built in
Basic Detection	optical module :Motion detection, Audio detection, Tampering alarm
	thermal module : Audio detection
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Video	
Compression	Ultra265, H.265, H.264, MJPEG
Video Stream	Triple streams
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas per scene
Audio	
Audio Compression	G.711U, G.711A
Two-way audio	Supported, Built in mic and speaker
Sampling Rate	8kHZ
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T)
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Interface	

Audio I/O	1/1
Alarm I/O	2/2
Serial Port	1 RS485
Network	1 x RJ45 10M/100M Base-TX Ethernet
General	
General	DC12V(+/-25%), PoE(IEEE802.3af)
Power	Power consumption: Max 12W
	Support reverse polarity protection, Overvoltage and overcurrent protection, Input short circuit protection
Dimensions (Ø x H)	Ø354mm x 104mm x 116mm(Ø13.9" x 4.1" x 4.6")
Weight	1.85kg(4.08lb)
Temperature detection working environment	-10 degreesC ~+50 degreesC(-14 degreesF ~ 122 degreesF), Humidity: <=95% RH (non-condensing)
Working Environment	-40 degreesC~70 degreesC(-40 degreesF ~ 158 degreesF), Humidity: <=95% RH (non-condensing)
Ingress Protection	IP67
Vandal Resistant	N/A

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/UN-IPC2-THERMAL-Uniview-H-265-4MP-LightHunter-dual-spectrum-Thermal-Network-Bullet-p-269531.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-13 13:24:50.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.