



주요 특징

- Thermal & optical dual-spectrum image, dual video with single IP address, adaptable to various scenes
- 1/2.8" target surface, high sensitivity sensor, suitable for starlight monitoring
- Thermal module supports reliable fire detection and fire shield area
- Thermal module supports temperature detection and cold&hot spot tracking, which highlights abnormal temperatures and links to alarm
- Thermal & optical dual-spectrum smart intrusion prevention can be enabled simultaneously : cross line, enter area, leave area, intrusion
- Optical module supports smog recognition, which can help with fire alarm reconfirmation
- Supports picture-in-picture mode, real-time contrast live, more convenient and clear
- Supports audio and light alarm, with red and blue warning lights built in
- Ultra 265, H.265, H.264, MJPEG
- Max 2688 × 1520@30 fps in the optical module and max 960P@30 fps in the thermal module
- DC 12 V ± 25% or PoE power supply
- Alarm 2 in and 2 out, audio 1 in and 1 out, micro SD, up to 512 GB

사양

Channel	Optical	Thermal
카메라		
최대 해상도	4 MP	960P
원본 해상도	N/A	256 × 192
센서	1/2.8" CMOS	Vanadium oxide uncooled focal plane arrays
최저 조도	Colour: 0.003 lux (F1.6, AGC ON) B/W: 0.002lux(F1.6,AGC ON) 0 lux with IR	N/A
주간/야간	IR-cut filter with auto switch (ICR)	N/A
픽셀 사이즈	N/A	12 um
NETD		< 50 mk@F1.0@25 ℃
셔터	Auto/Manual, 1 to 1/100000 s	
WDR	120 dB	
S/N	>56 dB	
렌즈		
초점 거리	4mm	3 mm
아이리스	F1.6	F1.0
화각(수평)	74.9°	58.0°
화각(수직)	44.4°	42.5°
화각(사각)	97.4°	72°
DORI		
DORI 거리(감지)	90.0m(295.3ft)	N/A
DORI 거리(관찰)	36.0m(118.1ft)	N/A
DORI 거리(인식)	18.0m(59.1ft)	N/A

DORI 거리(식별)	9.0m(29.5ft)	N/A
조명		
파장	750 nm	N/A
조명 거리(IR)	30m	N/A
조명 켜기/끄기 제어	Auto/Manual	N/A
비디오		
프레임 속도	4MP(2688*1520), Max 30fps	960P(1280*960), Max 30fps
비디오 압축	Ultra 265, H.265, H.264, MJPEG	
비디오 비트 전송률	128 Kbps to 16 Mbps	
U-code	Support	
ROI	Support	
비디오 스트림	Triple streams	
OSD	Up to 8 OSDs	
프라이버시 마스크	Up to 8 areas (8 blacks/ 8 mosaics)	N/A
이미지		
화이트 밸런스	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2	N/A
디지털 노이즈 제거	2D/3D DNR	
이미지 회전	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise	
HLC	Support	N/A
BLC	Support	N/A
디포그	Digital defog	N/A
팔레트	N/A	puce, rain, fusion, mazarine, medical, arctic, lava, color 2, color 1, green hot, red hot, black hot, ice hot, depict hot, rainbow 3, rainbow 2, rainbow 1, hot iron, iron oxide red, white hot

지능형		
스마트 침입 방지	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human and vehicle)
연기 감지	Support	N/A
온도 측정 정확도		±8 ℃ (±14.4 ℉) or ±8% (whichever is greater)
온도 범위		Selectable between -20 ℃ to 150 ℃ (-4 ℉ to 302 ℉) and 100 ℃ to 550 ℃ (212 ℉ to 1022 ℉)
Detection distance for vehicles (4 × 1.4 meters)		60m
Detection distance for personnel (1.8 × 0.5 meters)		30m
이벤트		
화재 감지	N/A	Support
기본 감지	Motion detection, Tampering alarm, Audio detection	N/A
기본 기능	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output	
Detection distance for fire (0.1 × 0.1 meters)	N/A	13m
Detection distance for temperature (0.1 × 0.1 meters)	N/A	8m
오디오		
오디오 압축	G.711U, G.711A	
오디오 비트레이트	128 Kbps	
양방향 오디오	Support	
억제	Support	
샘플링 주파수	16KHZ	
저장 장치		

엣지 스토리지	MicroSD, up to 512 GB	
네트워크 스토리지	ANR	
네트워크		
프로토콜	IGMP, RTP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS, SSH	
호환성 통합	ONVIF (Profile S, Profile G, Profile T), API, SDK	
사용자/호스트	Up to 32 users. 3 user levels: administrator, common user and operator	
고객	EZStation, UNV-Link, UNV-Link Pro	
웹 브라우저	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+	
인터페이스		
내장 마이크	Support	
내장 스피커	Support	
오디오 I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]	
알람 I/O	2/2	
시리얼 포트	1 × RS485	
네트워크	1 × RJ45 10 M/100 M Base-TX Ethernet	
비디오 출력	N/A	1 BNC (for debugging)
인증		
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 50130-4:2011+A1:2014) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)	
안전성	CE LVD (EN IEC 62368-1:2020+A11:2020) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)	
환경	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)	
보호	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)	

일반	
전원	DC12V(±25%), PoE(IEEE802.3af)
전력 소비량	Max 12W
전원 인터페이스	Ø5.5 mm coaxial power plug
크기	Φ129 x 114 mm(Φ5.08" x 4.49")(Φ x H)
무게	0.72kg(1.6lb)
작업 환경	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 95% RH (non-condensing)
저장 환경	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 95% RH (non-condensing)
서지 보호	6 KV
초기화 버튼	Support
RTC	Support
웹 클라이언트 언어	22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak
라이브 뷰	
최대 비트스트림	35
최대 대역폭	50 Mbps
OSD 글꼴	Vector
OSD 색상	Support
OSD 문자 번호	40
기타	
복도 모드	Support
소프트웨어 버전	Q6202

DRI Description

The optimal detection, recognition, and identification distances are calculated according to Johnson's Criteria.

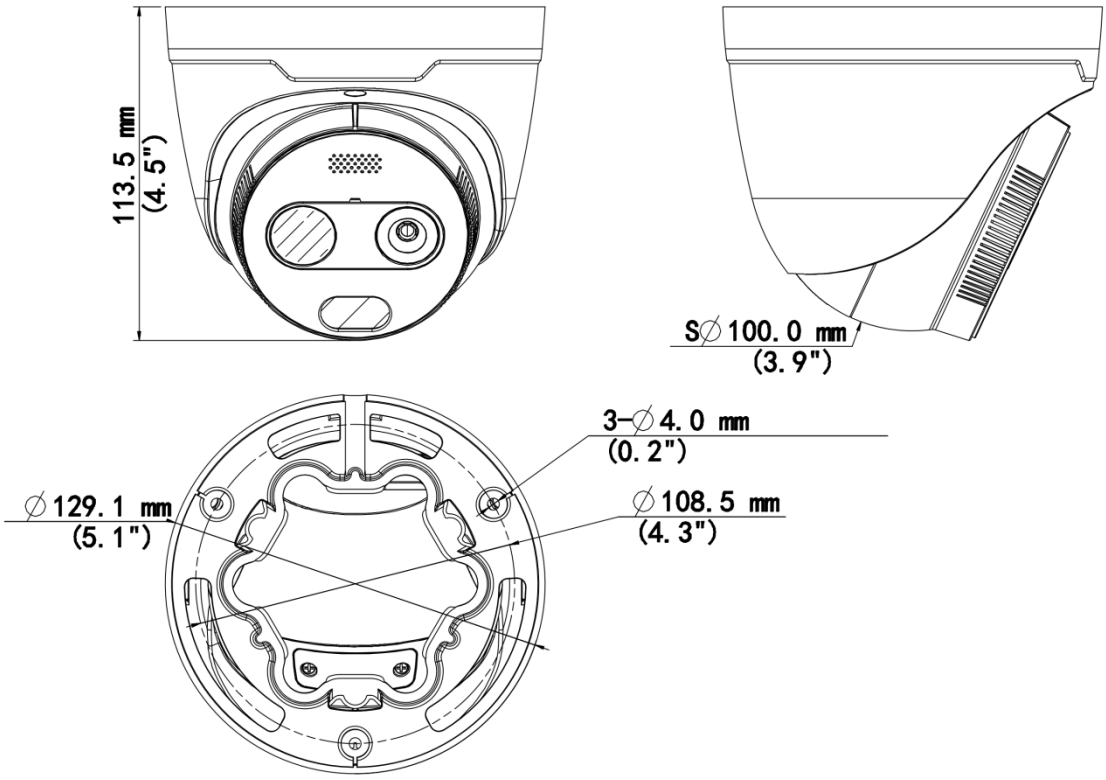
Detection Range: In order to distinguish an object from the background, the object must be covered by 1.5 or more pixels.

Recognition Range: In order to classify the object (animal, human, vehicle, etc.), the object must be covered by 6 or more pixels.

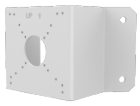
Identification Range: In order to identify the object and describe it in details, the object must be covered by 12 or more pixels.

Lens	Detection Range (Vehicles:4.0 × 1.4 m)	Detection Range (Humans:1.8 × 0.5 m)	Recognition Range (Vehicles: 4.0 × 1.4 m)	Recognition Range (Humans: 1.8 × 0.5 m)	Identification Range (Vehicles: 1.4 × 4.0 m)	Identification Range (Humans: 1.8 × 0.5 m)
2.1mm	207m	83m	52m	21m	30m	12m
3mm	296m	119m	74m	30m	49m	17m
7mm	690m	277m	173m	69m	99m	40m

크기



액세서리

TR-JB03-H-IN Turret Junction Box(Support Wiring From Behind)	**TR-A01-IN** NPT 3/4'' Waterproof Cable Gland	**TR-JB07/WM03-F-IN** Wall Mounting Assembling Bracket with Back Hole For 3 Inches Dome
		
TR-WM03-B-IN Wall Mounting Assembling Bracket For 3 Inches Hemisphere	**TR-UP06-IN** Universal Pole Mounting Bracket	**TR-UC08-C** Bullet&Dome Corner Mounting Bracket
		

Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.

http://www.uniview.com

overseasbusiness@uniview.com; globalsupport@uniview.com

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

©2024-2026 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.
*Product specifications and availability are subject to change without notice.
© 2022 Zhejiang Uniview Technologies Co., Ltd. 무단 전재 및 재배포 금지. *제품 사양 및 재고는 사전 예고 없이 변경될 수 있습니다.