





## **SD9368-EHL**



Speed Dome Network Camera

2MP • H.265 • 40x Optical Zoom • WDR Pro • Smart Stream III • SNV

## **Technical Specifications**

## **System Information**

Model	SD9368-EHL
CPU	Multimedia SoC (System-on-Chip)
Flash	8 GB
RAM	2 GB
Camera Features	
Image Sensor	1/2.8" Progressive CMOS
Max. Resolution	1920x1080 (2MP)
Lens Type	40x Optical Zoom, Auto Focus
Focal Length	f = 4.25 ~ 170 mm
Aperture	F1.6 ~ F4.95
Iris Type	DC-iris
Field of View	65.7° ~ 1.9° (Horizontal) 39.4° ~ 1.1° (Vertical) 73.0° ~2.1° (Diagonal)
Shutter Time	1 sec. to 1/100,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut Filter	Yes
IR Illuminators	Built-in IR Illuminators up to 250 meters with Smart IR, IR LED*8
Minimum Illumination	0.04 lux @ F1.6 (Color) 0.005 lux @ F1.6 (B/W) 0 lux with IR illumination on
Pan Speed	Preset speed: 450°/s
Pan Range	360° endless
Tilt Speed	Preset speed: 450°/s



Audio Capability Two-way Audio (Full duplex)  Audio Interface External line input External line input External line output  Network  Users Live viewing for up to 10 clients  Security Signed firmware, Trend Micro lot Security (brute force attack event, cyberattack event, quarantine event), User access log, User account management  Access list, Digest authentication, HTTPS, IEEE 802.1x, password protection, Secure boot, Signed firmware, Trend Micro lot Security (brute force attack event, cyberattack event, quarantine event), User access log, User account management  B802.1X, APR, Bonjour, CIRS/MBB, DIMS, DHCP, DRFSFTP, HTTP, HTTPS, ICMP, IGMPA3, IPA4, IPA6, NTCIP, NTP, PPDAE, GOS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SMMP, SSL, TCP/IP, T1S. 1.2, UDP, UPPA  Interface 10 Base-T/100 Base-TX Ethermet (RJ-45)  *11 is highly recommended to use standard CATSe & CAT6 cables which are compliant with the 3PETL standard of the use standard CATSe & CAT6 cables which are compliant with the 3PETL standard of the standard CATSe & CAT6 cables which are compliant with the 3PETL standard of the standard CATSe & CAT6 cables which are compliant with the 3PETL standard of the standard CATSe & CAT6 cables which are compliant with the ship of the standard CATSe & CAT6 cables which are compliant with the ship of the standard CATSe & CAT6 cables which are compliant with the ship of the standard CATSe & CAT6 cables which are compliant with the ship of the standard CATSe & CAT6 cables which are compliant with the ship of the standard CATSe & CAT6 cables which are compliant with the ship of the standard CATSe & CAT6 cables which are compliant with the ship of the standard CATSe & CAT6 cables which are compliant with the ship of the s	Tilt Range	-20° to 90° (auto flip)
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Video Compression Maximum Frame Rate Ø10 ps & 1920x1080 Maximum Frame Rate Ø10 ps & 1920x1080  SNR Ratio Ø10 ds Video Streaming Adjustable resolution, quality and constant bitrate control, Smart Stream III  General sellings, video title and line stamp overlay, video orientation (fig., mirror), day rieght sellings; liturinators: illuminators, anii-corresposare; innage sellings: while balance, image adjustment (hightense, contrast, sultration, surpresses, gamma carrye, defag, HAM, in adjustment, exocurus time, gain control, iris model, AE speed adjustment, WDR: Focus; Privacy mask; Scheduled profile settings; Pival calculator  Audio  Audio Compression Ø711, Ø728  Audio Interface External line output  Network  Users Live viewing for up to 10 clients  Access list, Digest adirhenteation, HTTPS, IEEE 802.1x, password protection, Secure book, Signad firmware, Trand Micro IoT Security forus force attack event, operanticle event, uparamifre event, User access log, User account management  Interface  10 Base-Try Dispersion Pipe Protection  60 21 X.A RP Begins, Official State Dispers, Interface in the public office setting of the public office setting in the public of the public office setting in the public of the public office setting in the public office	Storage	
Maximum Frame Rate  60 [ps. gl 1920x1680]  Maximum Streams  3 video streams (Up to 8 configurable profiles)  83/ Ratio  60 dB  Dynamic Range  120 dB  Video Streaming  Adjustable resolution, quality and constant bitrate control, Smart Stream III  General satisface, video litie and time stamp overlag, video circination (fig., mirror), day-right settings: liturinators: illuminators, and-correspopoure, image settings  application in the stream of the stream overlag, video circination (fig., mirror), day-right settings; liturinators: silluminators, and-correspopoure, image settings  application in the stream overlag, video circination (fig., mirror), day-right settings; liturinators: silluminators, and-correspopoure, image settings, which balance, image settings  application in the stream overlag, video circination (fig., mirror), day-right settings; liturinators; silluminators, and-correspopoure, image settings, which balance, image settings and control responsibility. Spoke of settings and spoke of settings; liturinators, and-correspopoure, image settings, which balance, image settings and spoke of settings. Which balance, image settings are settings; which balance, image settings, video distributions, and control settings, which settings, and control settings	Built-in Installation Aids	Remote focus, remote zoom
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SYN Ratio  60 dB  Dynamic Range  120 dB  Adjustable resolution, quality and constant bitrate control, Smart Stream III  General settings video distance illuminators, anti-overepopure, interportation of the property of dry hight settings; liluminators, illuminators, anti-overepopure, image settings white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, HLM, SDNR; ElS, screen mode (auto, deblur); Exposure; BLC, HLC, exposure control deposure even privacy mask; Scheduled profite settings; Pixel calculator  Audio  Audio Capability  Two-way Audio (Full duplex)  Audio Capability  Two-way Audio (Full duplex)  Audio Interface  External line inpol External line duplet  Metwork  Users  Live viewing for up to 10 clients  Access list, Digest authentication, HTTPS, IEEE 802.1x, password protection, Secure boot, Signed firmware, Trond Micro IoT Security (bruto force attack event, cyberattack event, guarantine event), beer access list, Liber score in the grant management in the profit interface  802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, ICMPA, JNA, JNA, JNA, JNA, JNA, JNA, JNA, JN	Maximum Frame Rate	60 fps @ 1920x1080
Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bitrate control, Smart Stream III General settings, video title and time stamp overlay, video orientation (file, mirror), day finglish settings, lituralizators, and-overspoarce, image settings while balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), tefog. HLM, may adjustment (brightness, contrast, saturation, sharpness, gamma curve), tefog. HLM, may adjust the property of th	Maximum Streams	3 video streams (Up to 8 configurable profiles)
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day/inght settings: Illuminators: Illuminators: Illuminators, anti-overexposure; Image settings with balance, image adjustment (replantese, contrast, stauration, sharpness, gamma curve), defog, HLM, SDNR; Els, secue mode (auto, debur); Exposure; BLC, HLC, exposure control (exposure) in the subject of the	Video Streaming	Adjustable resolution, quality and constant bitrate control, Smart Stream III
Audio Capability Two-way Audio (Full duplex)  Audio Compression G.711, G.726  Audio Interface External line input External line output  Network  Users Live viewing for up to 10 clients  Access list, Digest authentication, HTTPS, IEEE 802.1x, password protection, Secure boot, Signed firmware, Trend Micro IoT Security (curle force attack event, cyberattack event, quarantine event), User access log, User account management  Protocols B02.1x ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, SMMP, SSL, TCP/IP, TLS 1.2, UDP, UPnp SNMP, SSL, TCP	Image Settings	day/night settings; Illuminators: illuminators, anti-overexposure; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, HLM, 3DNR, EIS, scene mode (auto, deblur); Exposure: BLC, HLC, exposure control (exposure level iris adjustment, exposure time, gain control, iris mode), AE speed adjustment, WDR; Focus;
Audio Interface External line output  Network  Users Live viewing for up to 10 clients  Access list, Digest authentication, HTTPS, IEEE 802.1x, password protection, Secure boot, Signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), User access log, User account angagement  802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, IGMP/3, IPv4, IPv6, NTCIP, NTP, PPPoE, Qos (GoS/DSCP), RTSP/RTP/RTCP, SMTP, SMMP, SS, TCTP), TS, 12, UDP, UPnP  Interface 10 Base-TX Ethernet (RJ-45)  11 Base-TX/100 Base-TX Ethernet (RJ-45)  12 Interface 11 Interface 12 Interface 13 Interface 14 Interface 15 Interface 15 Interface 16 Interface 17 Interface 18 Interface 18 Interface 18 Interface 18 Interface 19 Int	Audio	
Audio Interface  External line input External line output  Network  Users  Live viewing for up to 10 clients  Access list, Digest authentication, HTTPS, IEEE 802.1x, password protection, Secure boot, Signed firmware, Trend Micro lof Security (brute force attack event, cyberattack event, quarantine event), User access log, User account management  802.1X ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, ICMP, IGMP/3, IPv4, IPv6, MTCIP, NTP, PPDE, QOS (COS/DSCP), RTSP/RTP/RTCP, SMTP, SMTP	Audio Capability	Two-way Audio (Full duplex)
Network  Users Live viewing for up to 10 clients  Access list, Digest authentication, HTTPS , IEEE 802.1x, password protection, Secure boot, Signed firmware, Trend Micro lof Security (brute force attack event, cyberattack event, quarantine event), User access log, User account management  802.1X ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, ICMP/Q3, PM4, IPv6, NTCIP, NTP, PPPDE, QGS (COS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPRP  Interface 10 Base-TX Ethernet (RJ-45)  10 Base-TX Ethernet (RJ-45)  11 is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.  ONVIF Profile G, S, T supported, specification available at www.onvif.org  Al Analytics  Compute Capability SoC with built-in hardware deep learning accelerator  Object Detection: People, Vehicle (4-wheeled, 2-wheeled); Attribute Extraction: People (gender, clothing color, bag, hat), Vehicle (bike, bus, car, motorcycle, truck, color); Re-Search Extraction; Path Extr	Audio Compression	G.711, G.726
Live viewing for up to 10 clients  Access list, Digest authentication, HTTPS, IEEE 802.1x, password protection, Secure boot, Signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), User a cocount management  802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, IGMP/3, IPv4, IPv6, NTCIP, NTP, PPDeE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNNP, SSL, TCP/IP, TLS 1.2, UDP, UPP)  Interface  10 Base-T/100 Base-TX Ethernet (RJ-45) **It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the SP/ETL standard.  ONVIF  Profile G, S, T supported, specification available at www.onvif.org  Al Analytics  Compute Capability  SoC with built-in hardware deep learning accelerator  Vision Object Analytics  Object Detaction: People, Vehicle (4-wheeled, 2-wheeled); Attribute Extraction: People (gender, coldring color, lag, hat), Vehicle (bike, bus, car, motorcycle, truck, color); Re-Search Extraction; Path Extraction  Application  Deep Learning VCA (Smart Motion Detection, Smart Tracking Advanced) Smart Tracking Advanced (infusion detection, Line crossing detection, Face detection, Unattended object detection, Missing object detection)  Solution Integration  Video Motion Detection  Motion Detection (Five-window video motion detection, Line crossing detection, periodical trigger, recording notification, cybersecurity events (brute force attack event, operatack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, system boot, prest reached  Event Action  Event Action  Event Action  Event Action  Event Action  Action  Live in the first of the spectancy, smart tracking advanced trigger, system boot, prest reached	Audio Interface	
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Signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), User access log. User account management  802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP/SFTP, HTTP, HTTPS, ICMP, IGMPy3, IPv4, IPv6, NTCIP, NTP, PPP6E, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SMMP, SSL, TCP/IP, TLS 1.2, UDP, UPF  Interface  10 Base-T/100 Base-TX Ethernet (RJ-45) 11 It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.  ONVIF  Profile G, S, T supported, specification available at www.onvif.org  Al Analytics  Compute Capability  SoC with built-in hardware deep learning accelerator  Object Detection: People, Vehicle (4-wheeled, 2-wheeled); Attribute Extraction: People (gender, clothing color, bag, hat), Vehicle (blke, bus, car, motorcycle, truck, color); Re-Search Extraction; Path Extraction; Path Extraction  Application  Deep Learning VCA (Smart Motion Detection, Smart Tracking Advanced) Smart Tracking Advanced (intrusion detection, Linie crossing detection, Face detection, Unattended object detection, Missing object detection)  Solution Integration  Video Motion Detection  Motion Detection (Five-window video motion detection)  Alarm and Event  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced fit igger, system boot, preser trackhed.  Event notification via audio clip, camera link, digital output, email, HTTP, FTP, NAS server, SI card File upload via email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to	Users	Live viewing for up to 10 clients
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Interface  *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.  Profile G, S, T supported, specification available at www.onvif.org  Al Analytics  Compute Capability  SoC with built-in hardware deep learning accelerator  Vision Object Analytics  Object Detection: People, Vehicle (4-wheeled, 2-wheeled); Attribute Extraction: People (gender, clothing color, bag, hat), Vehicle (blike, bus, car, motorcycle, truck, color); Re-Search Extraction; Path Extraction  Application  Deep Learning VCA (Smart Motion Detection, Smart Tracking Advanced) Smart Tracking Advanced (Intrusion detection, Loitering detection, Line crossing detection, Face detection, Unattended object detection, Missing object detection)  Solution Integration  Video Motion Detection  Motion Detection (Five-window video motion detection)  Alarm and Event  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, trigger, system boot, preset reached  Event notification via audio clip, camera link, digital output, email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to	Protocols	IGMPv3, IPv4, IPv6, NTCIP, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP,
Al Analytics  Compute Capability  SoC with built-in hardware deep learning accelerator  Object Detection: People, Vehicle (4-wheeled, 2-wheeled); Attribute Extraction: People (gender, clothing color, bag, hat), Vehicle (bike, bus, car, motorcycle, truck, color); Re-Search Extraction; Path Extraction  Application  Deep Learning VCA (Smart Motion Detection, Smart Tracking Advanced) Smart Tracking Advanced (Intrusion detection, Line crossing detection, Face detection, Unattended object detection, Missing object detection)  Solution Integration  Video Motion Detection  Motion Detection (Five-window video motion detection)  VADP Package  Stratocast, Trend Micro IoT Security (3-year free trial)  Alarm and Event  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, system boot, preset reached  Event Action  Event Action  Event Action  Event Action  Alarm and Integer frack, trigger patrol, move to	Interface	*It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with
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Object Detection: People, Vehicle (4-wheeled, 2-wheeled); Attribute Extraction: People (gender, clothing color, bag, hat), Vehicle (bike, bus, car, motorcycle, truck, color); Re-Search Extraction; Path Extraction  Application  Deep Learning VCA (Smart Motion Detection, Smart Tracking Advanced) Smart Tracking Advanced (Intrusion detection, Loitering detection, Line crossing detection, Face detection, Unattended object detection, Missing object detection)  Solution Integration  Video Motion Detection  Motion Detection (Five-window video motion detection)  Alarm and Event  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event Action  Deep Learning VCA (Smart Motion Detection, Smart Tracking Advanced) Smart Tracking Advanced (Intrusion detection, Missing object detection)  Motion Detection (Five-window video motion detection)  Motion Detection (Five-window video motion detection)  Alarm and Event  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event notification via audio clip, camera link, digital output, email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to	Al Analytics	
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Application  Smart Tracking Advanced (Intrusion detection, Loitering detection, Line crossing detection, Face detection, Unattended object detection, Missing object detection, Color object detection, Missing object detection, Missing object detection, Color object detection, Missing object detection, Dissing object detection, Missing object detection, Missing object detection, Dissing object detection, Missing object det	Vision Object Analytics	(gender, clothing color, bag, hat), Vehicle (bike, bus, car, motorcycle, truck, color);
Video Motion Detection  Motion Detection (Five-window video motion detection)  VADP Package  Stratocast, Trend Micro IoT Security (3-year free trial)  Alarm and Event  Event Trigger  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event Action  Event Action  Motion Detection (Five-window video motion detection)  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event Action	Application	Smart Tracking Advanced (Intrusion detection, Loitering detection, Line crossing detection,
Video Motion Detection  Motion Detection (Five-window video motion detection)  VADP Package  Stratocast, Trend Micro IoT Security (3-year free trial)  Alarm and Event  Event Trigger  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event Action  Event Action  Motion Detection (Five-window video motion detection)  Audio detection, camera tampering detection, cybersecurity events (brute force attack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event Action	Solution Integration	
Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event notification via audio clip, camera link, digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to		Motion Detection (Five-window video motion detection)
Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event notification via audio clip, camera link, digital output, email, HTTP, FTP, NAS server, SE card File upload via email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to	VADP Package	Stratocast, Trend Micro IoT Security (3-year free trial)
event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced trigger, system boot, preset reached  Event notification via audio clip, camera link, digital output, email, HTTP, FTP, NAS server, SD card, File upload via email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to	Alarm and Event	
Event Action card File upload via email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to	Event Trigger	event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, smart tracking advanced
<u> </u>	Event Action	File upload via email, HTTP, FTP, NAS server, SD card; trigger track, trigger patrol, move to
General	General	



Connectors	RJ-45 cable connector for 10/100 Mbps PoE network connection Audio line input Audio line output DC 48V power input AC 24V power input Digital input*2 Digital output*1 RS-485*1
LED Indicator	System power and status indicator
Power Input	AC 24V, DC 48V, IEEE 802.3 bt Class 6 PoE (Simultaneous Power Redundancy Supported)
Power Consumption	PoE: Max. 51W/26W (IR on/off) DC 48V: Max. 51W/26W (IR on/off) AC 24V: Max. 51W/26W (IR on/off)
Dimensions	256 x 336 mm
Weight	7.1 kg
Certifications	EMC: CE (EN 55032 Class A, EN55035, EN50121-4), UKCA (BS EN 55032: 2015 +A11: 2020, BS EN 55035: 2017), FCC (FCC Part 15 Subpart B Class A), IC (ICES-003:2020 Issue7, Class A), RCM (AS/NZS CISPR 32 Class A), VCCI (VCCI-CISPR 32 Class A); Safety: UKCA (BS EN 62368-1:2014+A41:2017), UL (UL 62368-1), CB (IEC/EN 62368-1, CB (EC/EN 60950-22, IEC/EN 62471); Environment: IK10 (IEC 62262), IP66 (IEC 60529), NEMA (NEMA 250 Type 4X); IA: BIS (IS 13252), BSMI
Operating Temperature	Starting Temperature: $ -40^{\circ}\text{C} \sim 55^{\circ}\text{C} \ (-40^{\circ}\text{F} \sim 131^{\circ}\text{F}) $ Working Temperature: $ -40^{\circ}\text{C} \sim 60^{\circ}\text{C} \ (-40^{\circ}\text{F} \sim 140^{\circ}\text{F}) \ (IR \ on) $
Humidity	98% RH (non-condensing)
System Requirements	
Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above
Included Accessories	
Packing Contents	Wall mount bracket, Screw pack, Screws and anchors, T10 and T25 L-wrench, Waterproof round cap, Quick installation guide, Terminal blocks (for DI/DO audio, AC/DC/GND wires, RS485), Ground wire.
DORI (EN 62676-4 Standard)	
Detect (25PPW 8PPF)	Wide: 61.1 m (200.4 ft) Tele: 2239 m (7345.7 ft)
Observe (63PPM/ 19PPF)	Wide: 24.2 m (79.5 ft) Tele: 888.5 m (2914.9 ft)
Recognize (125PPW 38PPF)	Wide: 12.2 m (40 ft) Tele: 447.8 m (1469.1 ft)
Identify (250PPM/ 76PPF)	Wide: 6.1 m (20 ft) Tele: 223.9 m (734.5 ft)

