CADIP4NEBVAF

EYEBALL CAMERA

4MP Active Deterrent Eyeball Camera with 2.8–12mm Lens

NDAA Compliant

Key Features

- Maximum resolution: 2592 × 1520
- 30 ~ 40m IR or white light range
- H.265+/H265/H.264+/H264/ MJPEG coding
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Supports three streams
- Intelligent analytics
- Support remote monitoring by smart phones and tablet PC's with iOS and Android OS
- IP66 ingress protection
- Supports image distortion correction

The Genie **CADIP4NEBVAF** is a 4MP IP IR active deterrent eyeball camera with a 2.8-12mm auto focus lens. The camera features dual illumination and intelligent analytics.

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Specification

Camera

Image Sensor	1 / 3" CMOS
Image Size	2592 × 1520
Electronic Shutter	1 / 3s ~ 1 / 100000s
Iris Type	DC Iris
Minimum Illumination	0.02 Lux @ F1.4,AGC ON, 0 Lux with LED
Lens	2.8–12mm @ F1.4
Field of View	Horizontal: 96° ~32.33°; Vertical: 53.67°~19.63°; Diagonal: 114.17° ~36.33°
Focus	Motorised
Lens Mount	Φ14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	2D / 3D DNR
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~360°, Tilt: 0°~75°, Rotation: 0°~360°

Image

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile, Main Profile, High Profile
Resolution	4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640 x 480), CIF, 480 × 240
Main Stream	4MP, 2K, 3MP, 1080p (60Hz : 1 ~ 30fps, 50Hz: 1~25fps) HFR mode: 1080p, 720p (60Hz : 1 ~ 60fps, 50Hz: 1~50fps)
Sub Stream	720p, D1, VGA, CIF (60Hz : 1 ~ 30fps, 50Hz: 1~25fps)
Third Stream	D1, VGA, CIF, 480 × 240 (60Hz : 1 ~ 30fps, 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpen, Image Flip, Image Mirror, NR, etc. Adjustable through client software or web browser.
ROI	Each ROI to be configured separately

Functions

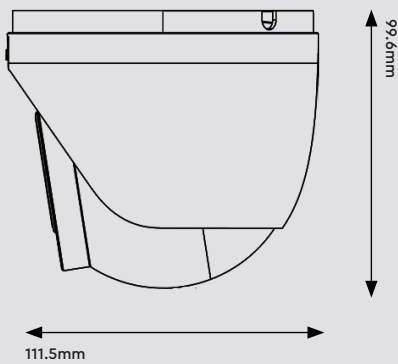|	
Remote Monitoring	Web client, NVR, NVMS2.0, mobile app
Web Browser	IE11 (plug-in required), Chrome 89.0+, Edge 89.0+, Firefox 87.0+, Safari 14.0+
Online Connection	Supports simultaneous monitoring for up to 10 users. Supports multi-stream real time transmission.
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	Onvif compatible
Intelligent Analytics	Line crossing detection (human / vehicle classification), region entrance / exiting / intrusion (human / vehicle classification)
	Sound, Light & Flashing Red/Blue LED alerts
	Scene change, video blur and video colour cast detection
	Face detection and face capture
	Abandoned/missing object detection, heat map, target counting, crowd density detection
Storage	Network remote storage, micro SD card storage
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, cable connection
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs
PoE	Yes , IEEE802.3af
IR Distance	30 ~ 40 m White light range: 30 ~ 40 m

Interface

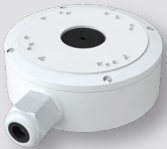|	
Network	RJ45 10M/100M self-adaptive ethernet port
Video Output	No
Audio	1CH audio input, 1CH audio output, 1CH built-in speaker, 1CH built-in microphone
Alarm	1CH alarm input, 1CH alarm output
Storage	Built-in micro SD card slot, up to 256GB
Hardware Reset	Yes

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Others

Ingress Protection	IP66
Power Supply	DC12V / PoE
Power Consumption	< 12W
Operating Environment	- 30 °C ~ 60°C (-22°F~140°F) Humidity: Less than 95% (Non-condensing)
Dimensions	Ø111.5 × 99.6 mm
Weight	Approx. 0.64 Kg

Dimensions

99.6mm

111.5mm

Accessories

WJBBVWP
Water Resistant Junction
Box – White

WJBEBV
Junction Box for Varifocal
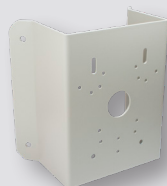and Auto Focus Eyeball
Cameras – White

WIPSWM
Surface Mount Wall
Bracket (Junction Box NOT
included) – White

WBEBVW
Wall Bracket for Eyeball
Cameras – White

WIPMPPM
Multi Purpose Pole Mount
Bracket – White

WIPMPCM
Multi Purpose Corner
Mount Bracket – White

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