

A Word-leading Provider In Visual IoT Solutions



PRODUCT CATALOG

Fast, Comprehensive, and Superior —
The Premier Choice for Intelligent
Security Modules

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A Leading Provider and Operator in AI Visual IoT Solutions

Shenzhen VeePai IoT Intelligent Technology LLC, founded in 2015, is a national high-tech and "Specialized, Refined, Distinctive, Innovative" enterprise. It specializes in video IoT core technology R&D, delivering full-stack AIoT solutions integrating hardware, algorithms, and cloud platforms.

The company offers a diverse product matrix covering 30+ consumer-grade IPC modules, including card cameras, doorbells, dome cameras, streetlight cameras, and more, widely applied in smart home, campus, agriculture, vehicle, and other scenarios.

With leading modular development and flexible manufacturing systems, VeePai IoT achieves rapid production capabilities—"7-day prototype development, 14-day module sampling, 60-day mass production"—empowering clients to swiftly validate market potential.

We have dual R&D centers in Shenzhen and Changsha, with over 400 R&D personnel. We have accumulated 125 intellectual property patents in low-power WiFi/4G/5G module design and AI image algorithms. Recognized as a "Top 50 IoT Enterprise" and "Shenzhen Top 500," VeePai IoT has emerged as a prominent AIoT unicorn in the industry.



Founded in
2015

Group Employees
1000⁺

R&D Centers
2 (Shenzhen, Changsha)

R&D Engineer
400⁺

R&D Patents
125

Global Presence (Countries & Regions)
190⁺

Development History



Main Business



Apps

The group implements a multi-platform strategic layout, with four major platforms covering different niche markets both domestically and internationally, continuously expanding brand influence and market share.



Business Scale



12 million + /year

Camera module shipments

30 millions +

Global registered user base

10 millions +

Monthly active users

370 millions +

Daily push notifications

AI Algorithm



Perimeter intrusion detection



Loitering detection



Face recognition



Pet detection



Entry and exit traffic counting



Vehicle detection



Smoke and fire detection



Camera obstruction detection



License plate recognition



Fall detection



Smile detection



Bark detection



Baby crying detection



Barcode and QR code recognition



Human tracking detection



Seated posture detection

R&D Qualifications

Process/Patent Qualifications

• Product R&D Full Process

- 1 ID&Structural Design
- 2 Hardware Development
- 3 Firmware Adaptation
- 4 Cloud Platform & App Integration

• Invention Patents



• Utility Model Patents



• Design Patents



Product R&D Laboratories



RF Laboratory



Image Tuning Laboratory



Reliability Testing Laboratory



Automated Testing Laboratory

Consumer Security Camera

1 Low-Power Series

QW15-4D/QG15-4D

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Quad-camera quad-motor system with APP PTZ control, triple-view recording (seamless tele/wide zoom), and AI tracking

Image Sensor	2MP*4 1/3.27"CMOS
Pan&Tilt	Dome- 270°(H) / 90°(V) Bullet- 180°(H) / 90°(V)
Power Interface	Type-C DC5V
Battery Capacity	15000/20000mAh
Illumination Light	Dual-light
Audio	Two-Way Audio
Detection Method	PIR, Human detection
Connection Method	WiFi/4G(Bluetooth Setup)



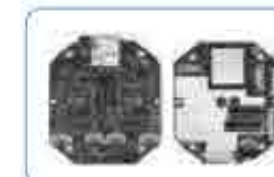
• Low-Power Series

QW15-2D/QG15-2D

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Dual-view dual-recording system featuring seamless dual-lens zoom and AI tracking

Image Sensor	2MP+2MP 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	270°(H) / 90°(V)	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	10000/12000mAh	Connection Method	WiFi/4G (Bluetooth Setup)



QW15-3D/QG15-3D

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Bullet-dome tri-lens system: dual-view recording, continuous zoom (telephoto/wide-angle), AI tracking

Image Sensor	2MP*3 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	270°(H) / 90°(V)	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	10000/20000mAh	Connection Method	WiFi/4G (Bluetooth Setup)



LG7/LG7-2

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Dual 3MP smart doorbell: 180° FOV (no blind spots), captures door gaps/ground areas

Image Sensor	2MP+2MP 1/3.27"CMOS	Illumination Light	Dual-light
Chime Accessory	RF-433M EV1527	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection, Package Recognition
Battery Capacity	8000mAh	Connection Method	4G (Bluetooth Setup)



BW4/BG4

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Extended battery life with premium cost-performance ratio

Image Sensor	2MP 1/3.27"CMOS	Illumination Light	Dual-light
Viewing Angle	D130°	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	5200/10000mAh	Connection Method	WiFi/4G (Bluetooth Setup)

BW6-H/BG6-H

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Industry-first APP-controlled battery PTZ camera: extended runtime, cost-effective

Image Sensor	2MP 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	180°(H)	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	5000mAh	Connection Method	WiFi/4G (Bluetooth Setup)

BW6/BG6

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-light night vision: full-color (human view), AOV mode (1fps)/wake mode (full fps)
- 950nm stealth IR: bird/animal insensitive, avian recognition, extended operation

Image Sensor	2MP 1/3.27"CMOS	Illumination Light	850nm White Light+ 950nm Infrared Light
Viewing Angle	D130°	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	5000/10000mAh	Connection Method	WiFi/4G (Bluetooth Setup)

QW5/QG5

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- AI tracking

Image Sensor	2MP 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	270°(H) / 90°(V)	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	10000/10000mAh	Connection Method	WiFi/4G (Bluetooth Setup)

QW5-2/QG5-2

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Dual Cameras, Dual Views, Bullet-Dome Linkage

Image Sensor	2MP+2MP 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	270°(H) / 90°(V) (PTZ Camera: 320°(H)/Tilt 70°(V))	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	10000/5000mAh	Connection Method	WiFi/4G (Bluetooth Setup)

QG16-2

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Dual Cameras, Dual Views, Bullet-Dome Linkage

Image Sensor	2MP+2MP 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	270°(H) / 90°(V) (PTZ Camera: 320°(H)/Tilt 70°(V))	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	10000/5000mAh	Connection Method	WiFi/4G (Bluetooth Setup)

QW5-3/QG5-3

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Tri-lens quad-motor: APP PTZ control, triple-stream recording

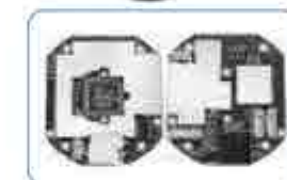
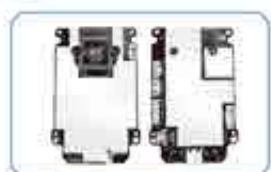
Image Sensor	2MP*3 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	Dome- 270°(H)/90°(V) Bullet-180°(H)/90°(V)	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	15000/20000mAh	Connection Method	WiFi/4G (Bluetooth Setup)

QW5-4/QG5-4

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision: Supports AOV mode (1fps)/wake mode (full fps)
- Quad-camera quad-motor system with APP PTZ control: quad-stream recording

Image Sensor	2MP*4 1/3.27"CMOS	Illumination Light	Dual-light
Pan&Tilt	Dome- 270°(H)/90°(V) Bullet-180°(H)/90°(V)	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	15000/20000mAh	Connection Method	WiFi/4G (Bluetooth Setup)



Consumer Security Camera

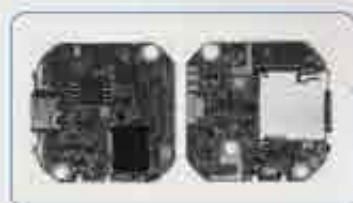
2 MINI Series

MA5

Features

- Invisible IR (950nm): Zero glare, completely hidden
- Micro Compact Size, Big Functionality
- WiFi6

Sensors	1MP/2MP CMOS	Illumination Light	950nm Infrared Light
Size	Φ42*25.7/35.8*35*25.7/Φ35*43.8mm	Audio	Built-in microphone (no speaker)
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	150mAh/150mAh/300mAh	Connection Method	WiFi/4G(Bluetooth Setup)



MG3/MW6

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Supports 1 FPS recording (Always-On View mode)+ full-frame-rate recording (activated state)
- Invisible IR (950nm): Zero glare, completely hidden

Sensors	2MP 1/3.27"CMOS	Illumination Light	950nm Infrared Light
Size	37*40.5*52.2mm	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	2200mAh	Connection Method	WiFi/4G(Bluetooth Setup)



MG7/MW7

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Supports 1 FPS recording (Always-On View mode) + full-frame-rate recording (activated state)
- Seamless Zoom with Wide and Telephoto Lenses, Dual Views and Dual Recording

Sensors	2MP+2MP 1/3.27"CMOS	Illumination Light	950nm Infrared Light
Size	48*43.5*58.5mm	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	3000mAh	Connection Method	WiFi/4G(Bluetooth Setup)



MG9/MW9

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Supports 1 FPS recording (Always-On View mode) + full-frame-rate recording (activated state)
- Seamless Zoom with Wide and Telephoto Lenses, Dual Views and Dual Recording

Sensors	2MP 1/3.27"CMOS	Illumination Light	950nm Infrared Light
Size	Φ44.5*36.6mm	Audio	Built-in microphone (no speaker)
Power Interface	Type-C DC5V	Detection Method	PIR, Human detection
Battery Capacity	900mAh	Connection Method	WiFi/4G(Bluetooth Setup)



Consumer Security Camera

1 Constant-Power Series

QC15-4D/QD15-4D

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- Quad Cameras, Four Motors PTZ motors support remote APP control
- Seamless Zoom with Wide and Telephoto Lenses, 3-View, 3-Channel Recording

Sensors	2MP*4 1/3.27"CMOS
Storage	TF card/Cloud storage
Power Interface	DC5V/12V
Pan&Tilt	Dome- 270°(H) / 90°(V) Bullet- 180°(H) / 90°(V)
Illumination Light	Dual-light
Audio	Two-Way Audio
Detection Method	Human & Zone Detection
Connection Method	WiFi/4G/RJ45(Bluetooth Setup)



• Constant-Power Series

QC15-2D/QD15-2D

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- Seamless Zoom with Long and Short Focal Length Lenses, Dual Views and Dual Recording

Sensors	2MP*2 1/3.27"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human & Zone Detection
Pan&Tilt	270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

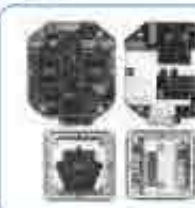


QC15-3D/QD15-3D

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- 3 Lens, Seamless Zoom with Long and Short Focal Length Lenses, Dual Views and Dual Recording

Sensors	2MP*3 1/3.27"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human & Zone Detection
Pan&Tilt	270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)



QC/QD17-BC/EA

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- 2K/4K Ultra HD with AI-powered Features: Fire Detection, Intrusion Detection, Vehicle Detection, Package Recognition

Sensors	4MP: 1/3"CMOS 8MP: 1/2.7"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human Detection, Vehicle Detection
Pan&Tilt	270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)



QC16-YA/QC16

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision; AI Human Tracking
- Physical Privacy Shield

Sensors	1MP/2MP CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human Detection
Pan&Tilt	PTZ Camera- 270°(H) / 70° (V) Dome Camera- 270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

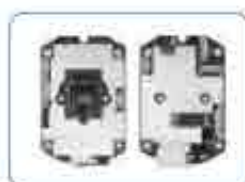


QC6/QD6/QC5-YA

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Dual-Light Full-Color Night Vision; AI Human Tracking
- Physical Privacy Shield

Sensors	1MP/2MP CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human Detection
Pan&Tilt	PTZ Camera- 270°(H) / 70° (V) Dome Camera- 270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)



QC16-2/QC16-YA-2

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- Dual Cameras, Dual Views, Bullet-Dome Linkage

Sensors	2MP+2MP 1/3.27"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human Detection
Pan&Tilt	PTZ Camera- 270°(H) / 70° (V) Dome Camera- 270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

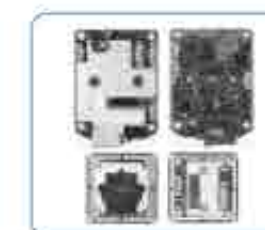


QC6-2/QD6-2/QC5-YA-2

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- Dual Cameras, Dual Views, Bullet-Dome Linkage

Sensors	2MP+2MP 1/3.27"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human Detection
Pan&Tilt	PTZ Camera- 270°(H) / 70° (V) Dome Camera- 270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

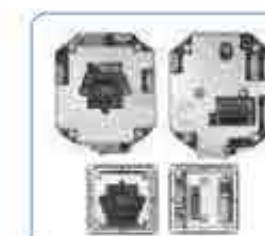


QC6-3/QD6-3

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- Triple Cameras, Four Motors: PTZ motors support remote APP control

Sensors	2MP*3 1/3.27"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human & Zone Detection
Pan&Tilt	PTZ Camera- 270°(H) / 70° (V) Dome Camera- 270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

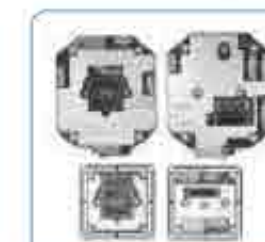


QC6/QD6-4/ QC12-4/QD12-4

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- Full-Color Night Vision, AI Human Tracking
- Quad Cameras, Four Motors: PTZ motors support remote APP control

Sensors	2MP*4 1/3.27"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human & Zone Detection
Pan&Tilt	PTZ Camera- 270°(H) / 70° (V) Dome Camera- 270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)





QC13-QE/QD13-QE

Features

- Large Sensor, Black Light Full-Color Night Vision
- 2K Ultra HD, AI Human Tracking
- Multi-AI Analytics: Fire detection, area intrusion, loitering detection, boundary crossing, unattended post monitoring, illegal parking/reversing detection, package recognition

Sensors	4MP 1/1.88"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human & Zone Detection, Vehicle Detection, Package Detection
Pan&Tilt	270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

QC/QD17-2

Features

- Pioneering industrial-grade shielding design—blocks interference, enhances heat dissipation, and ensures stable, reliable signals
- 2K Ultra HD Full-Color Night Vision, AI Human Tracking
- Dual Cameras, Dual Views, Bullet-Dome Linkage, Multi-AI Analytics: Fire detection, area intrusion, loitering detection, boundary crossing, unattended post monitoring, illegal parking/reversing detection, package recognition

Sensors	4MP+4MP 1/3"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human & Zone Detection, Vehicle Detection, Package Detection
Pan&Tilt	270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

ZC/ZD1-2

Features

- Full-Color Night Vision, Dual Cameras, Dual Views, Bullet-Dome Linkage
- 36x Optical Zoom, Delivers telescope-level clarity for objects 1 kilometer away
- Multi-AI Analytics: Fire detection, area intrusion, loitering detection, boundary crossing, unattended post monitoring, illegal parking/reversing detection, package recognition

Sensors	2MP+2MP 1/2.9"CMOS	Illumination Light	Dual-light
Storage	TF card/Cloud storage	Audio	Two-Way Audio
Power Interface	DC5V/12V	Detection Method	Human & Zone Detection, Vehicle Detection, Package Detection
Pan&Tilt	270°(H) / 90°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

SC2

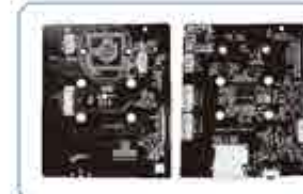


Features

- 2.8-inch display with two-way video calling
- Full-Color Night Vision, AI Human Tracking
- Video-Calling Camera: One-button two-way video call

Sensors	4MP+4MP 1/3"CMOS	Illumination Light	Dual-light
Display	2.8"	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	Human Detection
Pan&Tilt	347°(H) / 60°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

SC1-Y



Features

- 2.4-inch display with two-way video calling
- Full-Color Night Vision, AI Human Tracking
- One-button two-way video call, Dual-stream recording, Bullet-Dome Linkage

Sensors	2MP+2MP 1/3.27"CMOS	Illumination Light	Dual-light
Display	2.4"	Audio	Two-Way Audio
Power Interface	Type-C DC5V	Detection Method	Human Detection
Pan&Tilt	320°(H) / 70°(V)	Connection Method	WiFi/4G/RJ45(Bluetooth Setup)

Professional Security Camera

1 AOV Series



KG1-AOV

Features

- Starlight Color Technology: Dual F1.0 aperture with AI noise reduction (6dB SNR enhancement), enabling full-color imaging at 0.001Lux
- Smart Imaging: AI-ISP WDR technology, 32x wide dynamic range (120dB)
- Intelligent Audio: 15m pickup range (2x improved), echo cancellation, clear two-way communication
- Advanced Encoding: H.265+/SVAC3.0 encryption, 28% higher bitrate compression
- AI Recognition: 99.88% human detection accuracy, stable tracking up to 40m
- Field Adaptation: 4G dual-SIM carrier-agnostic+solar powered, designed for off-grid/no-signal environments
- Industrial Design: Metal housing + dual shielding+Bluetooth diagnostics, stable in high-temperature environments
- Signal Enhancement: Integrated antenna design, +10dB low-frequency boost

DSP	Hi3516C	Night vision	Dark-light full color
AOV	Supported (20-day standby without charging)	Image Resolution	3MP+3MP
Lens	F1.0 4MM	Detection Methods	human/vehicle detection
Battery	20000mAh (optional)	Video Compression	SVAC3.0/H.265/H.264

• AOV Series

KG2-AOV



Features

- Ultra-Low-Light Full Color: 4MP sensor + dual F1.0 aperture, delivers full color at 0.001Lux
- Smart Imaging: AI-ISP WDR technology, 32x wide dynamic range (120dB)
- AI Recognition: 99.88% human detection accuracy, stable tracking up to 40m
- Advanced Encoding: H.265+/SVAC3.0 encryption, 28% higher bitrate compression
- Intelligent Audio: 15m pickup range (2x improved), echo cancellation, clear two-way communication
- Field Adaptation: 4G dual-SIM carrier-agnostic + solar powered, designed for off-grid/no-signal environments
- Industrial Design: Metal housing + dual shielding + Bluetooth diagnostics, stable in high-temperature environments
- Signal Enhancement: Integrated antenna design, +10dB low-frequency boost

DSP	Hi3516C	Night vision	Dark-light full color
AOV	Supported (20-day standby without charging)	Image Resolution	4MP+4MP
Lens	F1.0 4MM	Detection Methods	human/vehicle detection
Battery	20000mAh (optional)	Video Compression	SVAC3.0/H.265/H.264

KG2-Z AOV



Features

- Smart Tracking: 5x optical zoom with auto-target locking
- AI Recognition: 99.88% human detection accuracy, stable tracking up to 40m
- Ultra-Low-Light Full Color: 4MP sensor + dual F1.0 aperture, full-color imaging at 0.001Lux
- Smart Imaging: AI-ISP WDR technology, 32x wide dynamic range (120dB)
- Advanced Encoding: H.265+/SVAC3.0 encryption, 28% higher bitrate compression
- Intelligent Audio: 15m pickup range (2x improved), echo cancellation, clear two-way communication
- Industrial Design: Metal housing + dual shielding + Bluetooth diagnostics, stable in high-temperature environments
- Signal Enhancement: Integrated antenna design, +10dB low-frequency boost

DSP	Hi3516C	Night vision	Dark-light full color
AOV	Supported (20-day standby without charging)	Image Resolution	4MP+4MP
Lens	2.7-13.5mm 5x optical zoom	Detection Methods	human/vehicle detection
Battery	20000mAh (optional)	Video Compression	SVAC3.0/H.265/H.264

Professional Security Camera

② Plug-in Series



Interface



KD1-Plug-in

Features

- Ultra-Low-Light Full Color: Dual F1.0 aperture + AI noise reduction, SNR improved by 6dB, full-color imaging at 0.001Lux
- Smart Imaging: AI-ISP WDR technology, 32x wide dynamic range (120dB), captures both bright and dark details
- Intelligent Audio: 15m ultra-long pickup range (2x improvement), echo cancellation, crystal-clear intercom
- Advanced Encoding: H.265+/SVAC3.0 encryption, 28% higher bitrate compression
- AI Recognition: 99.88% human detection accuracy, stable tracking up to 40m
- Field Adaptation: Dual-SIM 4G (all carriers supported), dedicated offline mode
- Industrial Design: Metal heat dissipation + dual shielding + Bluetooth diagnostics, stable operation in high-temperature environments
- Signal Enhancement: Integrated antenna design, +10dB low-frequency channel improvement

DSP	Hi3516C	Night vision	Dark-light full color
AOV	Supported	Image Resolution	3MP+3MP
Lens	F1.0 4MM	Detection Methods	human/vehicle detection
Video Compression	SVAC3.0/ H.265/H.264	Power Supply	DC12V

KD2-Plug-in



Features

- Ultra-Low-Light Full Color: 4MP sensor+dual F1.0 aperture, full-color imaging at 0.001Lux
- Smart Imaging: AI-ISP WDR technology, 32x wide dynamic range (120dB), balanced bright/dark details
- AI Recognition: 99.88% human detection accuracy, stable tracking up to 40m
- Advanced Encoding: H.265+/SVAC3.0 encryption, 28% higher bitrate compression
- Intelligent Audio: 15m long-range pickup (2x improvement), echo cancellation, crystal-clear intercom
- Field Adaptation: Dual-SIM 4G (carrier-agnostic), dedicated offline mode
- Industrial Design: Metal heat dissipation+dual shielding+Bluetooth diagnostics, stable in high temps
- Signal Enhancement: Integrated antenna design, +10dB low-frequency channel boost

DSP	Hi3516C	Night vision	Dark-light full color
AOV	Supported	Image Resolution	4MP+4MP
Lens	2.7-13.5mm 5x optical zoom	Detection Methods	human/vehicle detection
Video Compression	SVAC3.0/ H.265/H.264	Power Supply	DC12V

KD2-Z Plug-in



Features

- Smart Tracking: 5x optical zoom with auto-target locking
- AI Recognition: 99.88% human detection accuracy, stable tracking up to 40m
- Ultra-Low Light Imaging: 4MP sensor with dual F1.0 aperture, full-color at 0.001Lux
- Smart WDR: AI-ISP powered 32x wide dynamic range (120dB)
- Advanced Encoding: H.265+/SVAC3.0 with 28% improved compression
- Audio System: 15m pickup range (2x improved) with echo cancellation
- Industrial Design: Metal housing, dual shielding, Bluetooth diagnostics
- Signal Strength: Integrated antenna with +10dB low-frequency boost

DSP	Hi3516C	Night vision	Dark-light full color
AOV	Supported	Image Resolution	4MP+4MP
Lens	2.7-13.5mm 5x optical zoom	Detection Methods	human/vehicle detection
Video Compression	SVAC3.0/ H.265/H.264	Power Supply	DC12V

1 WIFI NVR Kit

NC1-10L



Features

- True Plug-and-Play. Auto-discovery and pairing for IP cameras, zero configuration required
- Instant stranger detection in 0.3 seconds
- Tri-antenna design + 11.6" HD touch display for instant monitoring

DSP	A1N	Network Bandwidth	80Mbps
Channel Capacity & Playback	10ch 4K input with 4ch sync playback	AI Computing Power	1.4TOPS @ INT8
Decoding Capability	4ch 4K@20fps	Video Output	HDMI 4K@60fps
Display Screen Size	11.6" TFT LCD	Network Interface	1 x RJ45 Ethernet Port
Storage Interface	1 x SATA (Max 18TB)	Wireless Connection	WiFi 6, 2.4GHz/5GHz, 2T2R Internal Network Dual Antennas + 1T1R External Network Antenna

NC1-10



Features

- True Plug-and-Play. Auto-discovery and pairing for IP cameras, zero configuration required
- Instant stranger detection in 0.3 seconds
- Next-gen Anti-interference chipset with triple antennas for superior wall penetration and stable streaming

DSP	A1N	Network Bandwidth	80Mbps
Channel Capacity & Playback	10ch 4K input with 4ch sync playback	AI Computing Power	1.4TOPS @ INT8
Decoding Capability	4ch 4K@20fps	Video Output	HDMI 4K@60fps; VGA 2K@60fps
Network Interface	1 x RJ45 Ethernet Port	Storage Interface	1 x SATA (Max 18TB)
Wireless Connection	WiFi 6, 2.4GHz/5GHz, 2T2R Internal Network Dual Antennas + 1T1R External Network Antenna		

2 Low-Power Base Station Kit

NC2-10L (Battery Optional)



Features

- True Plug-and-Play. Auto-discovery and pairing for IP cameras, zero configuration required
- Instant stranger detection in 0.3 seconds
- Tri-band WiFi & Built-in 10.1" HD Display. Real-time viewing and control with enhanced signal stability
- Global 4G Multi-band Support. Interchangeable carrier modules for worldwide deployment.

DSP	A1N	Network Bandwidth	80Mbps
Channel Capacity & Playback	10ch 4K input with 4ch sync playback	AI Computing Power	1.4TOPS @ INT8
Decoding Capability	4ch 4K@20fps	Video Output	HDMI 4K@60fps
Display Screen Size	11.6" TFT LCD	Network Interface	1 x RJ45 Ethernet Port
Storage Interface	1 x SATA (Max 18TB)	Wireless Connection	WiFi 6, 2.4GHz/5GHz, 2T2R Internal Network Dual Antennas + 1T1R External Network Antenna

3 AI NVR(16/36 Channels)

NQ16&NQ36



Features

- Supports 16/36-channel 8MP input with 4K decoding and synchronous playback
- AI Face Recognition + Attribute Filtering: One-click person search, quickly lock down target video
- Supports a wide range of mainstream network cameras that comply with ONVIF and RTSP standards

DSP	NQ16:A1N;NQ36:A1X	Network Bandwidth	NQ16:80Mbps; NQ36:150Mbps
Channel Capacity & Playback	NQ16:16channels /NQ36: 36channels; 4-channel synchronous playback	AI Computing Power	1.4TOPS @ INT8
Decoding Capability	4ch 4K@20fps;12 channels 1080p@30fps	Video Output	HDMI 4K@60fps; VGA 2K@60fps
Network Interface	NQ16: 1xRJ45 100Mbps Ethernet port NQ36: 1xRJ45 Gigabit Ethernet port	Storage Interface	NQ16: 1xSATA port NQ36: 2xSATA ports(Max 18TB)

Vehicle Security Camera

1 Dashcam

DG63

Features

- High-efficiency NPU (1TOPS) detects humans in 0.3s
- AOV low-power recording for long battery life
- Dual cameras with high ISP capture clear license plates

Resolution	Front 2K + Rear 1080P	Alarm Push	Impact/Vibration Sensing
Audio	MIC & Speaker	Positioning System	GPS/BeiDou Dual-Mode
Network	4G (Asia/Europe/North America)	Video Format	H.264/H.265
Storage	Cloud Storage / TF Card	Screen	Screenless (Lipstick Design)
Interface	Type-C	Power Supply	DC12V/1A (OBD & Fuse Box Power)



• Vehicle Security Camera

DG23



Features

- Security-level cloud storage with crash video, remote monitor
- Collision-activated low-power quick start for instant recording via G-sensor
- Security-grade low-light imaging for clear footage in the dark

Resolution	1080P	Alarm Push	Impact/Vibration Sensing
Audio	MIC & Speaker	Positioning System	GPS/BeiDou Dual-Mode
Network	4G (Asia/Europe/North-America)	Video Format	H.264
Storage	Cloud Storage / TF Card	Screen	Screenless (Lipstick Design)
Interface	Type-C	Power Supply	DC12V/1A (OBD & Fuse Box Power)

DG30



Features

- Dedicated/universal model for multiple vehicle casings
- Collision-quick start: G-sensor triggers instant recording on impact
- High-temp protection: auto-hibernation prevents heat crashes

Resolution	1080P	Alarm Push	Impact/Vibration Sensing
Audio	MIC & Speaker	Positioning System	GPS/BeiDou Dual-Mode
Network	4G (Asia/Europe/North-America)	Video Format	H.264
Storage	Cloud Storage / TF Card	Screen	Screenless, vehicle-specific design
Interface	BMW-style Connector	Power Supply	DC12V/1A (OBD & Fuse Box Power)

2 Truck Camera

CG40



Features

- AOV low-power time-lapse recording for long vehicle security
- GPS: one-key locate, electronic fence, track monitoring for anti-loss/theft
- AI human detection triggers instant light/siren alarm + mobile alerts, unattended security
- Ultimate black light full-color night vision for clear low-light imaging

Resolution	1080P	Alarm Push	Human detection
Audio	MIC & Speaker	Positioning System	GPS/BeiDou Dual-Mode
Network	4G (Asia/Europe/North-America)	Video Format	H.264
Storage	Cloud Storage / TF Card	Night Vision	Black Light Full-Color
Working Mode	AOV Low-Power Time-Lapse Recording	Power Supply	Aviation-Style Connector DC12V-24V/ACC Detection

3 Cycling Camera

RG61



Features

- Cycling cloud: record, stream, playback, track, monitor & share journeys anytime
- AI human detection: triggers alarms/alerts with fill light for unattended security
- AOV low-power recording: full-time, low consumption for long vehicle security

Resolution	1080P	Alarm Push	Human detection
Audio	MIC & Speaker	Positioning System	GPS/BeiDou Dual-Mode
Network	4G (Asia/Europe/North-America)	Video Format	H.264
Storage	Cloud Storage / TF Card	Night Vision	Black Light Full-Color
Working Mode	AOV Low-Power Time-Lapse Recording	Power Supply	Type-C 5V step-down cable/ACC Detection

4 Portable Camera

AG11



Features

- 4G remote monitoring & live streaming: record and share life moments
- Low-power tech: remote wake-up for real-time viewing, ultra-low consumption
- Human detection algorithm: fits home security for unattended protection

Resolution	3MP	Alarm Push	Human detection
Audio	MIC	Button	One-click recording/ photograph
Network	4G Asia Pacific/Europe	Video Format	H.264
Storage	Cloud Storage / TF Card	Night Vision	940nm infrared light
Working Mode	Ultra-long standby/continuous recording	Power Supply	Built-in lithium battery power supply

AG13



Features

- One-button visual call: 4G remote visual intercom/training machine
- 4G remote monitoring & live streaming: record and share life moments remotely
- Low-power tech: remote wake-up for real-time viewing, ultra-low consumption

Resolution	3MP	Alarm Push	Human detection
Voice	MIC & Speaker	Button	One-Button Video Call
Network	4G Asia Pacific/Europe	Video Format	H.264
Storage	Cloud Storage / TF Card	Night Vision	940nm infrared light
Working Mode	Ultra-long standby/continuous recording	Power Supply	Built-in lithium battery power supply

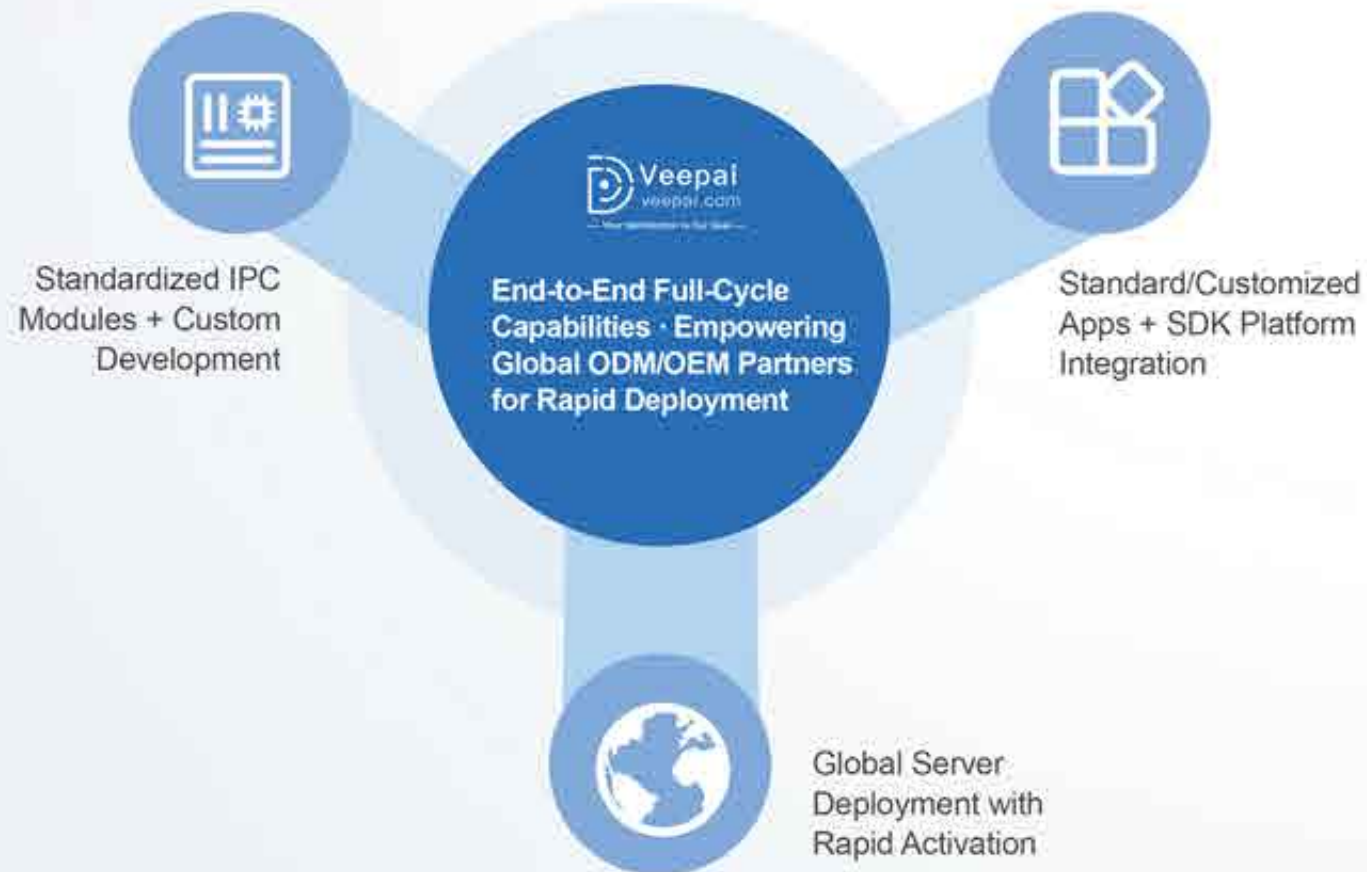
Partners



netvue



Ingenic 君正



OKAM-Pro

"OKAM-Pro" is a civilian-grade remote video surveillance system with smart camera hardware, enabling instant playback review for convenient access.



Scan the QR code to download the "OKAM-Pro" App

