RVH

# RVH ELECTRONICS LIMITED

# Product Catalog

http://www.rvhcctv.com

# Company Profile

RVH Electronics Limited is established in 2008 and based in Guangzhou, China. It is a high-tech CCTV camera, DVR and monitor enterprise, integrating R&D, production, sales and service.

Our dust-free and SMT workshop have occupied an area of 5,000 square meters. And the total number of employees is more than 200.

With advanced equipments for assembly, testing, packaging and processing, RVH has obtained the ISO9001:2015 system certification, and passed tests of EU CE, US FCC & RoHS.

Our brand stands on trust, knowledge and heritage; making durable, quality products. That's also why RVH overseas marketing network covers nearly 100 countries and regions around the world.

facebook

# Surveillance Cameras

## >> Bullet Camera

### RV-VD4

SD POE 24h IR Warm White

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP / 4K lite/ 8MP |

- SMT LED: Double light / Full color (4000K) 3015U×4, up to 30M
- IR LED: 21μ*4PCS, 30M
- Board Lens 3.6mm / F1.6 Motor Zoom & Auto Focus Lens
- Size: 173(W) x 72(H) x 71(D)mm
- Weight: 450g

### RV-DM8

SD POE IR Warm White 2-way

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP / 8MP |

- SMT LED: Double light 3015U×8, up to 50M
- IR LED: 28μ*8PCS, 40M
- Board Lens 3.6mm / F1.6 Motor Zoom & Auto Focus Lens
- Size: 220(W) x 83(H) x 73(D)mm
- Weight: 1200g

### RV-AD4

SD POE 24h IR Warm White

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP / 4K lite/ 8MP |

- SMT LED: Double light / Full color 3015U×4, up to 30M
- Warm white (4000K)
- IR LED: 21μ*4PCS, 30M
- Board Lens 3.6mm / F1.6
- Size: 180(W) x60(H) x55(D)mm
- Weight: 450g

### RV-D2S

POE 24h

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP / 4K lite/ 8MP |

- SMT LED: Full color 3015U×2, up to 25M
- Warm white (4000K)
- IR LED: 21μ*2PCS, 25M
- Board Lens 3.6mm / F1.6
- Size: 154(W)x70.5(H)x70.5(D)mm
- Weight: 400g

# Surveillance Cameras

## Bullet | Dome

### RV-TD4

SD POE 24h IR Warm White

IPC 2MP / 4MP / 5MP / 8MP

AHD 2MP / 5MP / 4K lite

- SMT LED: Double light / Full color 2835U×4, up to 30M
- Warm white (4000K)
- IR LED: 21μ*4PCS, 30M
- Board Lens 3.6mm / F1.6
- Size: 171(W) x 68(H) x 60(D)mm
- Weight: 450g

### RV-ED4

SD POE 24h IR Warm White

IPC 2MP / 4MP / 5MP / 8MP

AHD 2MP / 5MP / 4K lite/ 8MP

- SMT LED: Double light / Full color 4545U×4, up to 60M
- Warm white (4000K)
- IR LED: 42μ*4PCS, 80M
- Board Lens 3.6mm / F1.6
- Size: 270(W) x 86(H) x 86(D)mm
- Weight: 1100g

### RV-DM2

SD POE 24h IR Warm White

IPC 2MP / 4MP / 5MP / 8MP

AHD 2MP / 5MP / 4K lite

- SMT LED: Double light / Full color 3015U×2, up to 25M
- Warm white (4000K)
- IR LED: 21μ*2PCS, 20M
- Board Lens 3.6mm / F1.6
- Size: 96(Ø)x 91(H)mm
- Weight: 600g

### RV-DN2

2-way POE 24h IR Warm White

IPC 2MP / 4MP / 5MP / 8MP

AHD 2MP / 5MP / 4K lite/ 8MP

- SMT LED: Double light / Full color 3015U×2, up to 25M
- Warm white (4000K)
- IR LED: 21μ*2PCS, 20M
- Board Lens 3.6mm / F1.6
- Size: 108(Ø)x 85(H)mm
- Weight: 400g

# Surveillance Cameras

## >> Dome Camera

### RV-D3

SD
POE

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP / 4K lite/ 8MP |

- IR LED: 21μ*3PCS, 20M
- Board Lens 3.6mm / F1.6
- Size: 110(Ø)x 93(H)mm
- Weight: 500g

### RV-D2D

SD
POE
24h
IR Warm White

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP / 4K lite |

- SMT LED: Double light / Full color 3015U×2, up to 20M
- Warm white (4000K)
- IR LED: 21μ*2PCS, 20M
- Board Lens 3.6mm / F1.6
- Size: 108(Ø)x 85(H)mm
- Weight: 400g

### RV-N24

POE
SMART IR
MIC

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP |

- IR LED: 14μ*18PCS, 20M
- Board Lens 3.6mm
- Size: 94(Ø)x 69(H)mm
- Weight: 450g

### RV-E36

POE
SMART IR
MIC

| | |
|---|---|
| IPC | 2MP / 4MP / 5MP / 8MP |
| AHD | 2MP / 5MP / 4K lite/ 8MP |

- IR LED: 14μ*24PCS, 30M
- 2.8-12mm Manual Zoom Lens
- Size: 130(Ø)x 93(H)mm
- Weight: 800g
- Vandalproof Metal Housing

# Surveillance Cameras

## >> PTZ camera

| Model | RV-BNRM3X500-4MX | RV-BAR40520IP500 |
|---|---|---|
| Resolution | 2592x1944, 5MP | 2592x1944, 5MP |
| Lens | Zoom 4X, 2.8~12mm | Zoom 18X, 4.7~94mm |
| BLC | Support | Support |
| Image Sensor | 1/2.8" SONY CMOS Sensor | 1/2.8" SONY CMOS Sensor |
| AGC | Auto / Manual | Auto / Manual |
| Wide Dynamic Range | D-WDR | D-WDR |
| Noise Reduction | Auto Day/Night , 2DNR, 3DNR | Auto Day/Night , 2DNR, 3DNR |
| White Balance Control | Indoor, Outdoor, Auto, Manual | Indoor, Outdoor, Auto, Manual |
| S/N Ratio | ≥50dB | ≥50dB |
| Video Compression | H.264, H.265, MJPEG | H.264, H.265, MJPEG |
| Video Streaming | Triple Stream(H.264/H.265x2, MJPEGx1) | Triple Stream(H.264/H.265x2, MJPEGx1) |
| Rotation Range | Pan: 0~355˚, Tilt: 0~70˚ | Pan: 0~360˚, Tilt: 0~93˚ |
| Rotation Speed | Pan: 0~25˚/s, Tilt: 0~20˚/s | Pan: 0~90˚/s, Tilt: 0~40˚/s |
| Guard Tours | 3 groups (each 16 presets) | 3 groups (each 16 presets) |
| Mobile Support | Android, iOS | Android, iOS |
| 3D Human Tracking | \ | Support |
| Motion Detection | Support | Support |
| Ethernet | RJ-45 | RJ-45 |
| IR Distance | up to 35 meters | up to 70 meters |
| Audio Streaming | Two Way | Two Way |
| Operating temperature | -15~ +60˚C | -40~ +70˚C |
| Power | DC12V, 48V (POE) | DC12V |
| Consumption | ≤25W | ≤10W |
| Bracket | Wall Mount Optional | Wall Mount Optional |
| Dimension | 150(Ø)x150(H)mm | 185(Ø)x285(H)mm |

**RV-BNRM3X** | **RV-BAR40**

# Binocular

## RV-MSK2

- Night Vision: Dual Light Alert
- Warm White (4000K) Light
- Digtal 8X ZOOM
- Double 3015U LED×15, up to 60M
- Support 3DNR, D-WDR, BLC
- Human and Motion Detection
- AI Face Detection
- TF Card Slot, up to 128GB
- Size: 2.5 inch Ball
- Weight: 1350g
- Plastic Housing, Waterproof IP65
- 5dB Antenna, Signal Stabilization
- Pan: 0~350°, Tilt: 0~93°

| Model | RV-MSK2NIP400 |
|---|---|
| Resolution | 2*4MP, 2560×1440 |
| Lens | Board Lens 2.8mm*1 + 12mm*1 |
| Image Sensor | 1/3" CMOS Sensor |
| SMT LED | IR LED*15, White Light LED*15 |
| Audio Streaming | Two Way |
| Ethernet | RJ-45 |
| Power Supply | DC12V |

## RV-D8M2

- Night Vision: Dual Light Alert
- Warm White (4000K) Light
- Digtal 8X ZOOM
- Double 3015U×8, up to 60M
- Support 3DNR, D-WDR, BLC
- Support Standard Onvif Protocol
- Human and Motion Detection
- AI Face Detection
- SD Card Slot for Option
- Size: 260(W) x 90(H) x 82(D)mm
- Weight: 1300g
- Metal Housing, Waterproof IP67

| Model | RV-D8M2NIP800 |
|---|---|
| Resolution | 2*4MP, 2560×1440 |
| Lens | Board Lens 2.8mm*1 + 12mm*1 |
| Image Sensor | 1/3" CMOS Sensor |
| SMT LED | IR LED*8, White Light LED*8 |
| Audio Streaming | Two Way |
| Ethernet | RJ-45 |
| Power Supply | DC12V |

# Smart Mini WiFi PTZ Camera

Cloud | Micro SD | PoE | MOTION DETECTION | BLC | IP66

## Key Functions

- Support Standard Onvif Protocol
- Intelligent Video Motion Detection
- Micro SD/ TF Card Slot
- Easy Install : Zero Configuration, PoE
- Back Light Compensation
- Multi Browser (IE, Safari, Firefox, Chrome)

## Features

- H.264, H.265 Dual Stream
- Double Light Alert (IR & White light 4000K)
- 4 X Digital Zoom (2.8~12mm) Optional
- Support D-WDR, 3D Noise Reduction
- WiFi Supports IEEE802.11b/g Wireless Protocol
- Built-in Two Way Audio
- Custom Alarm Sound
- TF Card Up to 128GB
- Power Supply DC12V

| **Model** | RV-MNBNIP800 |
|---|---|
| Resolution | 3840 x 2160, 8MP |
| Lens | Fixed-Focal 3.6mm/ F2.0 |
| Image Sensor | 1/2.7" CMOS Sensor |
| Rotation Range | Pan: 0~270°, Tilt: 0~90° |
| Wi-Fi | 5dB Antenna, signal stabilization |
| 3D Human Tracking | Support |
| Face Recognition | Support |
| Ethernet | RJ-45 |
| SMT LED | IR LED*4, White light LED*4 |
| Night Vision | Dual light, Distance 30M |
| Consumption | ≤6W |
| Dimension | 2.5 inch Ball, 100(W)*160(H)mm |
| Software | ▪ XM ▪ VMS ▪ iCsee+Cloud service |

Cloud | Micro SD | PoE | MOTION DETECTION | BLC | IP66

## Key Functions

- Support Standard Onvif Protocol
- Intelligent Video Motion Detection
- Micro SD/ TF Card Slot
- Easy Install : Zero Configuration, PoE
- Back Light Compensation
- Multi Browser (IE, Safari, Firefox, Chrome)

## Features

- H.264, H.265 Dual Stream
- Double Light Alert (IR & White light 4000K)
- 4K HD Resolution
- Support D-WDR, 3D Noise Reduction
- WiFi Supports IEEE802.11b/g Wireless Protocol
- Built-in Two Way Audio
- Custom Alarm Sound
- TF Card Up to 128GB
- Power Supply DC12V

| **Model** | RV-MNKNIP800 |
|---|---|
| Resolution | 3840 x 2160, 8MP |
| Lens | Fixed-Focal 3.6mm/ F2.0 |
| Image Sensor | 1/2.7" CMOS Sensor |
| Rotation Range | Pan: 0~270°, Tilt: 0~90° |
| Wi-Fi | 5dB Antenna, signal stabilization |
| 3D Human Tracking | Support |
| Face Recognition | Support |
| Ethernet | RJ-45 |
| SMT LED | IR LED*4, White light LED*4 |
| Night Vision | Dual light, Distance 30M |
| Consumption | ≤6W |
| Dimension | 2 inch Ball, 90(W)*150(H)mm |
| Software | ▪ XM ▪ VMS ▪ iCsee+Cloud service |

# Smart Mini WiFi PTZ Camera

## Key Functions

- Support Standard Onvif Protocol ONVIF
- Intelligent Video Motion Detection
- Micro SD/ TF Card Slot
- Easy Install : Zero Configuration, PoE
- Back Light Compensation
- Multi Browser (IE, Safari, Firefox, Chrome)

## Features

- H.264, H.265 Dual Stream
- Double Light Alert (IR & White light 4000K)
- 4 X Digital Zoom (2.8~12mm) Optional
- Support D-WDR, 3D Noise Reduction
- WiFi Supports IEEE802.11b/g Wireless Protocol
- Built-in Two Way Audio
- Custom Alarm Sound
- TF Card Up to 128GB
- Power Supply DC12V

| **Model** | RV-WKBNIP800 |
|---|---|
| Resolution | 3840 x 2160, 8MP |
| Lens | Fixed-Focal 3.6mm/ F2.0 |
| Image Sensor | 1/2.7" CMOS Sensor |
| Rotation Range | Pan: 0~270°, Tilt: 0~90° |
| Wi-Fi | 5dB Antenna, signal stabilization |
| 3D Human Tracking | Support |
| Face Recognition | Support |
| Ethernet | RJ-45 |
| SMT LED | IR LED*4, White light LED*4 |
| Night Vision | Dual light, Distance 30M |
| Consumption | ≤6W |
| Dimension | 2 inch Ball, 90(W)*150(H)mm |
| Software | ▪ XM ▪ VMS ▪ iCsee+Cloud service |

## Key Functions

- Support Standard Onvif Protocol ONVIF
- Intelligent Video Motion Detection
- Micro SD/ TF Card Slot
- Easy Install : Zero Configuration, PoE
- Back Light Compensation
- Multi Browser (IE, Safari, Firefox, Chrome)

## Features

- H.264, H.265 Dual Stream
- Double Light Alert (IR & White light 4000K)
- 2MP/ 5MP HD Resolution for Option
- Support D-WDR, 3D Noise Reduction
- WiFi Supports IEEE802.11b/g Wireless Protocol
- Built-in Two Way Audio
- Custom Alarm Sound
- TF Card Up to 128GB
- Power Supply DC12V

| **Model** | RV-LN36NIP500WF |
|---|---|
| Resolution | 2560 x 1920, 5MP |
| Lens | Fixed-Focal 3.6mm/ F2.0 |
| Image Sensor | 1/2.5" CMOS Sensor |
| Auto White Balance | Support |
| One-Click Reset | Support |
| 3D Human Tracking | Support |
| Face Recognition | Support |
| Ethernet | RJ-45 |
| SMT LED | IR LED*4, White light LED*4 |
| Night Vision | Dual light, Distance 30M |
| Wi-Fi | 5dB Antenna, signal stabilization |
| Dimension | 148(W)*68(H)*66(D)mm |
| Software | ▪ XM ▪ VMS ▪ iCsee+Cloud service |

# Low Power Battery Camera | POE Switch

Rechargeable Battery
with Solar Powered

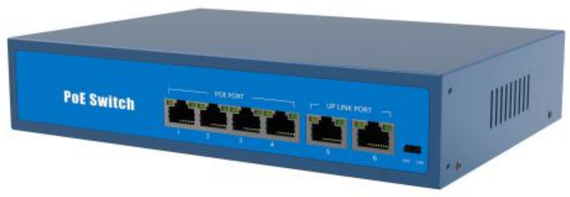
Solar Panel

## RV-603AIP30

- Built-in Lithium Battery (8000mAh)
- 4W Solar Power Supply Panel
- 1/2.7" CMOS Sensor
- HD Board Lens 3.6mm
- 3MP Resolution (2048 x 1536)
- Two Way Audio: Real-time dialogue
- TF Card slot, up to 128GB
- Support WiFi Network
- Support 3DNR, D-WDR, BLC
- Human and PIR Motion Detection
- APP Remote Wake Up
- IP66 Waterproof

## RV-TFKBNIP300

- Built-in Lithium Battery (12000mAh)
- 5W Solar Power Supply Panel
- 1/2.7" CMOS Sensor
- HD Board Lens 3.6mm
- 3MP Resolution (2048 x 1536)
- Two Way Audio: Real-time dialogue
- TF Card slot, up to 256GB
- Support WiFi Network
- Support 3DNR, D-WDR, BLC
- Human and PIR Motion Detection
- Pan: 0~355°, Tilt: 0~90°
- Night Vision:Dual Light Alert (IR/White)




| POE SWITCH | RA-PS1016AI | RA-PS1082AI | RA-PS204AI |
|---|---|---|---|
| Connector Type | 16-Port 10/100M POE | 8-Port 10/100M POE | 4-Port 10/100M POE |
| | 2-Port Uplink Ethernet | 2-Port Uplink Ethernet | 2-Port Uplink Ethernet |
| | 1-Port Uplink SFP | | |
| PoE Feature | Support MDI/MDIX | Support MDI/MDIX | Support MDI/MDIX |
| Bandwidth | 9.2Gbps (non-blocking) | 2Gbps (non-blocking) | 1Gbps (non-blocking) |
| MAC Address | Database Size: 2K | Database Size: 1K | Database Size: 1K |
| LED Indicator | [Red] Power supply indicator | [Red] Power supply indicator | [Red] Power supply indicator |
| | [Green] DIP indicator | [Green] DIP indicator | [Green] DIP indicator |
| | [1-16] RJ-45 ACT indicator | [1-8] RJ-45 ACT indicator | [1-4] RJ-45 ACT indicator |
| Power Supply | Input AC110-264V 50/60Hz | Input AC110-264V 50/60Hz | Input AC110-264V 50/60Hz |
| | 0utput 52V, 3.85A, 200W | 0utput 52V, 2.5A, 130W | 0utput 52V, 1.5A, 78W |
| Dimensions | 320*210*45 (mm) | 200*145*44 (mm) | 200*145*44 (mm) |

### RV-2109SKNVR

- 9CH 4K AI NVR (Face recognition)
- Video Input: 9CH 4K
- Video 0utput:1CH HDMI,1CH VGA
- USB 2.0 port x2
- Audio Output: 1CH
- HDD port: SATA x1 (Max.12TB)
- Power: 12V/ 2.5A
- 260*43*190(mm), 2.5kg

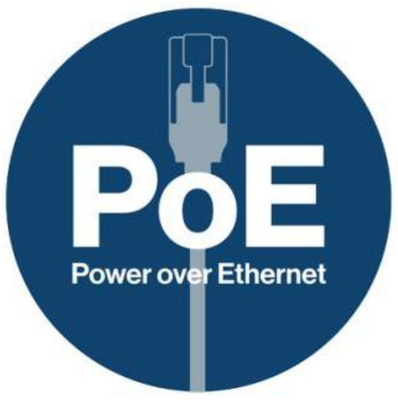
### RV-1116SENVR

- 16CH 4K AI NVR (Face recognition)
- Video Input: 16CH 4K
- Video 0utput:1CH HDMI,1CH VGA
- USB 2.0 port x2
- Audio Output: 1CH
- HDD port: SATA x1 (Max.14TB)
- Power: 12V/ 2.5A
- 260*43*190(mm), 2.5kg

### RV-1132SNVR

- 32CH 4K AI NVR (Face recognition)
- Video Input: 32CH 4K
- Video 0utput:1CH HDMI,1CH VGA
- USB 2.0 port x2
- Audio Output: 1CH
- HDD port: SATA x2 (Max.14TB x2)
- Power: 12V/ 5A
- 310*45*210(mm), 3kg

## NVR



## DVR | XVR

### RV-XVR13165N

- 16CH XVR Digital Video Recorder
- Multi Input: [Analog] 16*5M-N
  Hybrid 16*5M-N+Network 4*1080P
  [Network] 16*1080P, 4*5MP
- Video 0utput: 4K HDMI,1080P VGA
- Audio Output: 1CH
- HDD port: SATA x1 (Max.14TB)
- Power: 12V/ 3A
- 260*43*210(mm), 2.2kg

### RV-XVR13165LKN

- 16CH XVR Digital Video Recorder
- Multi Input: [Analog] 16*4K/ 5MP
  Hybrid 16*4K+ Network 16*4K
  [Network] 16*4K, 16*5MP
- Video 0utput: 4K HDMI
- Audio Output: 1CH
- HDD port: SATA x2 (Max.14TB x2)
- Power: 12V/ 5A
- 310*45*210(mm), 3.5kg

### RV-XVR1304K

- 4CH Real 4K XVR Digital Recorder
- Multi Input: [Analog] 4*8MP
  Hybrid 4*8MP+ Network 4*8MP
  [Network] 16*1080P, 8*5MP
- Video 0utput: 4K HDMI,1080P VGA
- Audio Output: 1CH
- HDD port: SATA x1 (Max.14TB)
- Power: 12V/ 2.5A
- 260*43*190(mm), 2kg

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