

# Intelligent Video Surveillance






**VUpro is a comprehensive CCTV solution, providing highly efficient video surveillance for homes, businesses and organizations. It provides excellent image quality as well as intelligent and efficient alarm event management.**


The cameras and NVRs provide high quality day & night images at resolutions of up to 4 Megapixel. The cameras support industry-leading Wide Dynamic Range (WDR) at 120dB to optimize both the bright and dark areas of a scene, Smart IR technology for clear images at night and some cameras support intelligent image analysis (IVS) to provide tripwire line crossing, People Counting, Facial Detection and more.


The system also supports advance features like Smart Add for simple and easy installation, ANR for video recording recovery in case of network breakdown (using an SD card in the camera for temporary recording) and P2P for plug & play connection to a VUpro smartphone app for remote monitoring.



# Network Cameras

| Model               | Bullet Camera<br>RVCM52E06   | Eyeball Camera<br>RVCM72E07  | Varifocal Bullet Camera<br>RVCM52E04  |
|---------------------|--|--|---|
|                     |       |      |  |
| Image Sensor        | 1/3" 4MP CMOS  | 1/3" 4MP CMOS  | 1/3" 4MP CMOS   |
| Lens                | 3.6mm/F1.6, 6mm/F1.6   | 3.6mm/F1.6   | 2.7~12mm/F1.4 Motorized   |
| FOV-H               | 87°/55°  | 104°/87°/55°   | 100°~35°  |
| Min. Illumination   | 0.06Lux/F1.6 (Color,1/3s,30IRE)<br>0.4Lux/F1.6 (Color,1/30s,30IRE)<br>0Lux/F1.6(IR on) | 0.06Lux/F1.6 (Color,1/3s,30IRE)<br>0.4Lux/F1.6 (Color,1/30s,30IRE)<br>0Lux/F1.6(IR on) | 0.1Lux/F1.4 (Color)<br>0Lux/F1.4 (IR on)  |
| WDR                 | 120dB  | 120dB  | 120dB   |
| Max. IR Distance    | 40m (131.2ft)  | 50m (164ft)  | 60m (197ft)   |
| Video Compression   | H.265+/H.265/H.264+/H.264  | H.265+/H.265/H.264+/H.264  | H.264+/H.264  |
| Max. Resolution     | 4M (2688×1520)   | 4M (2688×1520)   | 4M (2688×1520)  |
| Frame Rate          | 30fps@4M   | 30fps@4M   | 20fps@4M, 30fps@3M  |
| Multi-streaming     | 3 streams  | 3 streams  | 2 streams   |
| Pan/Tilt            | --   | --   | --  |
| Intelligent Video   | Tripwire,Intrusion<br>Scene Change<br>Abandoned/Missing<br>Face Detection              | Tripwire,Intrusion<br>Scene Change<br>Abandoned/Missing<br>Face Detection              | --  |
| Compatibility       | ONVIF profile S&G, CGI   | ONVIF profile S&G, CGI   | ONVIF profile S&G, CGI  |
| Audio In/Out        | --   | Built-in Mic   | --  |
| Memory Slot         | Micro SD Max. 128GB  | Micro SD Max. 128GB  | Micro SD Max. 128GB   |
| Alarm In/Out        | --   | --   | --  |
| Ingress Protection  | IP67   | IP67   | IP67  |
| Working Temperature | -30°C~+60°C<br>(-22°F ~ +140°F)  | -30°C~+60°C<br>(-22°F ~ +140°F)  | -30°C~+60°C<br>(-22°F ~ +140°F)   |
| Power               | DC12V, PoE (802.3af)<br>Max. 6W  | DC12V, PoE (802.3af)<br>(Class 0) Max. 6W  | DC12V, PoE (802.3af)<br>(Class 0) Max. 12.95W                                       |

| Model               | Varifocal Dome Camera<br>RVCM32E05  |
|---------------------|---|
|                     |  |
| Image Sensor        | 1/3" 4MP CMOS   |
| Lens                | 2.7~12mm/F1.4 Manual (-VFS) Motorized (-ZS)                                       |
| FOV-H               | 100°~35°  |
| Min. Illumination   | 0.1Lux/F1.4 (Color)<br>0Lux/F1.4 (IR on)  |
| WDR                 | 120dB   |
| Max. IR Distance    | 30m (98ft)  |
| Video Compression   | H.264+/H.264  |
| Max. Resolution     | 4M (2688x1520)  |
| Frame Rate          | 20fps@4M, 30fps@3M  |
| Multi-streaming     | 2 streams   |
| Pan/Tilt            | --  |
| Intelligent Video   | --  |
| Compatibility       | ONVIF profile S&G, CGI  |
| Audio In/Out        | --  |
| Memory Slot         | Micro SD Max. 128GB   |
| Alarm In/Out        | --  |
| Ingress Protection  | IP67, IK10  |
| Working Temperature | -30°C~+60°C<br>(-22°F ~ +140°F)   |
| Power               | DC12V, PoE (802.3af)<br>(Class 0) Max. 9.75W                                      |

| Model               | IR PTZ Camera<br>RVCM82E08  |
|---------------------|---|
|                     |  <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Starlight</span> |
| Image Sensor        | 1/2.8" 2Mp STARVIS™ CMOS  |
| Lens                | 4.8~120mm (25x Optical zoom)  |
| FOV-H               | 59.2°~2.4°  |
| Min. Illumination   | 0.005Lux/F1.6(Color)<br>0Lux/F1.6(IR on)  |
| WDR                 | 120dB   |
| Max. IR Distance    | 100m(328ft)   |
| Video Compression   | H.265/H.264   |
| Max. Resolution     | 1080P(1920x1080)  |
| Frame Rate          | 30fps@1080P   |
| Multi-streaming     | 3 streams   |
| Pan/Tilt            | Pan: 0° ~ 360° endless<br>Tilt: -15° ~ 90°  |
| Preset Speed        | Pan: 240° /s<br>Tilt: 200° /s   |
| Intelligent Video   | Tripwire, Intrusion<br>Abandoned/Missing<br>Face Detection  |
| Compatibility       | ONVIF profile S&G, CGI  |
| Audio In/Out        | 1/1   |
| Memory Slot         | Micro SD Max. 128GB   |
| Alarm In/Out        | 2/1   |
| Ingress Protection  | IP66  |
| Working Temperature | -40°C ~ +70°C<br>(-40°F ~ +158°F)   |
| Power               | DC12V/3A, PoE+<br>(802.3at) Max. 20W  |



# Network Video Recorders

| Model             | 32ch NVR<br>RVNVR324K1  | 8ch PoE NVR<br>RVNVR084K1   |
|-------------------|---|---|
|                   |                          |                         |
| Processor         | ARM Quad Core CPU   | ARM Quad Core CPU   |
| Video Compression | H.265/H.264   | H.265/H.264   |
| IP Video Inputs   | 32 channel  | 8 channel   |
| Max Input/Record  | 200Mbps/200Mbps   | 200Mbps/200Mbps   |
| Max Decoding      | 2ch@4K/8ch@1080P  | 2ch@4K/8ch@1080P  |
| Display           | HDMI, VGA   | HDMI, VGA   |
| Max HDD           | 2×6TB   | 2×6TB   |
| RAID              | --  | --  |
| eSATA/Mini SAS    | --  | --  |
| Audio In/Out      | 1/1, 2-way  | 1/1, 2-way  |
| Alarm In/Out      | 4/2   | 4/2   |
| Ethernet          | 1 Gigabit Port  | 1 Gigabit Port  |
| PoE               | --  | 8 Ports<br>(IEEE802.3at/af)<br>130W   |
| USB               | 1 USB3.0, 1 USB2.0  | 1 USB3.0, 1 USB2.0  |
| Power             | DC12V/4A<br><6.9W(Without HDD)  | DC12V/4A<br><6.9W(Without HDD)  |
| Intelligent Video | Tripwire, Intrusion<br>Abandoned/Missing<br>Scene Change<br>Face Detection<br>People Counting<br>Heat Map | Tripwire, Intrusion<br>Abandoned/Missing<br>Scene Change<br>Face Detection<br>People Counting<br>Heat Map |
| Remote Monitoring | VUpro App   | VUpro App   |



# Accessories

| RVCM52E04   RVCM52E06   |  |   |   |
|---|--|---|---|
|  |  |  |  |
| Model   |  | RVIM0A135   | RVIM0A135+RVIM3A152   |
| Mount   |  | Junction box  | Pole mount  |

| RVCM32E05  |  |  |   |  |
|--|--|--|---|--|
|  |  |  |  |  |
| Model  |  | RVIM0A135  | RVIM1203W   | RVIM1203W+RVIM0A135  |
| Mount  |  | Junction box   | Wall mount  | Pole mount   |

| RVCM72E07   |  |   |   |   |
|---|--|---|---|---|
|  |  |  |  |  |
| Model   |  | RVIM0A139   | RVIM1204W   | RVIM1204W+RVIM3A15  |
| Mount   |  | Junction box  | Wall mount  | Pole mount  |

| RVCM82E08   |  |   |   |   |   |
|---|--|---|---|---|---|
|  |  |  |  |  |  |
| Model   |  | RVIM1303W   | RVIM1303W+RVIM0A12  | RVIM3A15  | RVIM4A151   |
| Mount   |  | Wall mount  | Junction box  | Pole mount  | Corner Mount  |



# Video Management Software

## VUpro Desktop

Professional Surveillance System



|                    |      |
|--------------------|------|
| Number of NVR's    | 256  |
| Number of Channels | 2000 |

VIDEO  
MANAGEMENT  
SOFTWARE

## VUpro App

### Mobile Surveillance System



|              |  |  |
|--------------|--|--|
| Devices      | Supported Devices                            | NVR, IPC   |
|              | Add Device Method                            | IP/domain, SN, P2P   |
|              | Features                                     | Remote config, Alarm config, HDD info, Share device list   |
| Video        | Compression Format                           | H.265/H.264/MPEG-4/JPEG  |
|              | Display Resolution                           | Up to 1920 x 1080  |
| Live Preview | Max. Channels Can Be Opened at The Same Time | 256  |
|              | Features                                     | Snapshot, Record, Instant playback, PTZ, Stream control, Talk, Audio, Alarm, Color, Favorites, Remember channels   |
| Playback     | Time Period of Video Playback                | 72 hours   |
|              | Features                                     | Snapshot, Record, Faster/slower play, Play next frame, Cut   |
| Alarm Push   | Alarm Type                                   | Motion detect, Camera masking, Local alarm, Disk alarm (no disk, Low space, disk Error), Face detection, Ivs alarm |
|              | Push Type                                    | Video, Preview, Image  |

## Ordering Information

| Model              | Description                           |
|--------------------|---------------------------------------|
| <b>Cameras</b>     |                                       |
| RVCM52E04          | IP Cam: Bullet, 4MP, 2.7-12mm, WDR    |
| RVCM32E05          | IP Cam: Dome, 4MP, 2.7-12mm, WDR      |
| RVCM52E06          | IP Cam: Bullet, 4MP, WDR, H.265       |
| RVCM72E07          | IP Cam: Eyeball, 4MP, WDR, H.265      |
| RVCM82E08          | IP Cam: IR PTZ, 2MP, Starlight, H.265 |
| <b>NVR's</b>       |                                       |
| RVNVR084K1         | NVR: 8 Channels, 4K, H.265, PoE       |
| RVNVR324K1         | NVR: 32 Channels, 4K, H.265           |
| <b>Accessories</b> |                                       |
| RVIM0A135          | PFA135 Junction Box                   |
| RVIM3A152          | PFA152-E Pole Mount Bracket           |
| RVIM4A151          | PFA151 Corner Mount Bracket           |
| RVIM0A137          | PFA137 Junction Box                   |
| RVIM1203W          | PFB203W Wall Mount Bracket            |
| RVIM0A139          | PFA139 Junction Box                   |
| RVIM1204W          | PFB204W Wall Mount Bracket            |
| RVIM1303W          | PFB303W Wall Mount Bracket            |
| RVIM0A12           | PFA120 Junction Box                   |
| RVIM3A15           | PFA150 Pole Mount Bracket             |
| RVIM2300C          | PFB300C Ceiling Mount Bracket         |