

RISCO VUpoint NVR

4, 8, 16 Channels



System Overview

VUpoint NVR is RISCO's superior plug & play recording solution. The VUpoint NVR is fully integrated with RISCO cloud, serving as a complimentary solution to VUpoint live verification solution based on P2P IP cameras. This comprehensive video solution, which provides video verification, live view, recording and playback, is fully integrated with RISCO's Cloud based professional security systems, and its plug and play P2P functionality requires no special training or knowledge to install and maintain.

This is a unique opportunity for installers and monitoring stations to enjoy state-of-the-art technology and growth potential of video installations, while providing customers with both reliable real time video verification and an unprecedented level of video security and privacy.

- HD Video verification of events, live video on demand and recording playback – from anywhere, anytime via a smartphone app.
- P2P technology allows a simple Plug & Play installation – without router configuration.
- A selection of indoor and outdoor cameras with PoE or Wi-Fi capability for an effortless installation.
- Cloud based cutting edge technology for both existing and new RISCO security systems, providing high added value to both installers and customers.
- Significant potential for increased revenues and dramatic sales growth.



Technical Specifications

System

| | |
|------------------|------------------------------|
| Main Processor | Quad-core embedded processor |
| Operating System | Embedded LINUX |

Audio and Video

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|-----------------|--|
| IP Camera Input | 4/8/16 Channel |
| Two-way Talk | 1 Channel Input, 1 Channel Output, RCA |

Display

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|----------------------|---|
| Interface | 1 HDMI, 1 VGA |
| Resolution | HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720 |
| Decoding Capacity | 2ch@4K(30fps)/8ch@1080P(30fps) |
| Multi-screen Display | 4CH: 1/4 8CH: 1/4/8/9 16CH: 1/4/8/9/16 |

Recording

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|-----------------|---|
| Compression | Smart H.265+/H.265/Smart H.264+/H.264 |
| Resolution | 8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc. |
| Record Rate | 80Mbps |
| Bit Rate | 16Kbps ~ 20Mbps Per Channel |
| Record Mode | Continuous, Motion |
| Record Interval | 1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec |

Playback and Backup

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|-------------|--------------------------|
| Search Mode | Time /Date |
| Backup Mode | Smartphone, Network, USB |

Network

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|------------------|-------------------------------------|
| Interface | 1 RJ-45 Port (10/100Mbps) |
| Ethernet Port | 1 Independent 100Mbps Ethernet Port |
| PoE | IEEE802.3at/af |
| Smartphone | IPhone, iPad, Android |
| Interoperability | ONVIF 2.4, SDK, CGI |

Storage

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|--------------|--------------------------------------|
| Internal HDD | 1 SATA III Port, Up to 6 TB capacity |
| HDD Mode | Single |

Electrical

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|------------------------------------|--|
| Power Supply | DC48V/1.5A |
| Power Consumption 4/16 Channels | NVR: <7.5W (Without HDD) PoE: Max 25.5w for single port, 50w in total |
| Power Consumption 8 Channels | NVR: <8.3W (Without HDD) PoE: Max 25.5w for single port, 80w in total |

Environmental

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|----------------------|---|
| Operating Conditions | -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa |
| Storage Conditions | -20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH |

Construction 4/16 Channel

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|-----------------------------|--|
| Dimensions: 4/16 Channels | Smart 1U, 204.6mm × 204.6mm × 45.6mm (8.1" × 8.1" × 1.8") |
| Net Weight: 4/16 Channels | 0.45kg (0.99 lb) (without HDD) |
| Gross Weight: 4/16 Channels | 1.5kg (3.31 lb) (without HDD) |
| Dimensions: 8 Channels | Smart 1U, 270mm × 204.7mm × 45.7mm (10.6" × 8.1" × 1.8") |
| Net Weight: 8 Channels | 0.65kg (1.43 lb) (without HDD) |
| Gross Weight: 8 Channels | 1.8kg (3.97 lb) (without HDD) |

Certifications

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|-----|--|
| CE | EN55032, EN55024, EN50130-4, EN60950-1 |
| FCC | Part 15 Subpart B |

Ordering information

| Part Number | Description |
|--------------|---------------------|
| RVNVR04002PA | VUpoint 4ch PoE NVR |
| RVNVR080020A | VUpoint 8ch PoE NVR |
| RVNVR160020A | VUpoint 16ch NVR |