

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

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

Display

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

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

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

Network

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

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

Electrical

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

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

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

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

Ordering information

Part Number	Description
RVNVR040020A	VUpoint 4ch NVR
RVNVR04002PA	VUpoint 4ch PoE NVR
RVNVR080020A	VUpoint 8ch PoE NVR
RVNVR160020A	VUpoint 16ch NVR