![Redvision™ logo]

Key Features

- **32ch ONVIF NVR, powerful recording and management tool**
- **Optimised for Redvision Cameras**
- **Up to 48TB HDD, 4 internal SATA**
- **Up to 12MP recording**
- **16ch PoE (802.3af) for easy connection**
- **Audio and Alarm I/O**

- **Point & Click PTZ Control**
- **HDMI & VGA Output, up to 4K display resolution (HDMI2)**
- **RedVu GO Mobile App access**
- **RedVu Central Management System (CMS)**
- **Smart Search & Playback**
- **RAID 5,6 and 10 backup options**

![ONVIF™ Member logo]

KNIGHT STOR 32™ NVR

The Knight Stor 32™ Network Video Recorder from Redvision offers stunning recorded images, coupled with ease of use, feature-rich user interface and a sturdy but sleek design that would fit into any office, retail or domestic environment. All of this packaged with high quality, reliability and solid, UK-based Technical Support that is synonymous with the Redvision name.

PoE – Plug and Play

The Knight-Stor 32™ NVR utilises leading-edge technology to offer a high level of features and functionality, with low power consumption (<15W without HDD). Built-in Power over Ethernet (PoE) power (802.3at) for your Redvision cameras means simple plug and play experience for up to 16 cameras.

3D Positioning – Point and Click

3D positioning control of your Redvision cameras, allows you to click and draw an area for the camera to pan, tilt and zoom to, in one swift movement, removing joystick overrun.

ONVIF Compliant

ONVIF-conformant platform allows a variety of cameras to be used with the NVR. Private protocol enhances the full benefit of using Redvision Professional cameras with the NVR, but any existing ONVIF cameras can also be accommodated. The NVR works with a range of camera resolutions, up to 12MP; giving a total flexibility in the system architecture.

Surveillance-Grade HDD Recording

48TB total storage means you won't miss a thing, all eight 1080p cameras can be recorded and real-time footage retained for up to 34 days. A choice of storage options is of course available, using top-quality surveillance-grade hard drive. RAID 5,6 and 10 modes allow flexible storage and backup options, to protect your precious recorded footage.

Smart Search & Playback

Smart Search makes finding events and activity for playback fast and easy. Mobile App access from your iPhone, iPad or Android Smartphone gives you full control of your system and peace of mind out of hours. Alarm Inputs, Instant and Motion Detection recording options mean that you record only the important things, making the best use of your storage.

HD Display Output

High-resolution display output allows you to watch your system in a variety of display resolutions, up to 4K, offering both HDMI and VGA formats.

RedVu™ CMS and RedVu GO™ App

RedVu™ can be used for video management at different monitoring scales. It supports centralised management, distributed deployment and multi-user remote access; an optimised solution for managing Knight-Stor™ Network Video Recorders and Redvision cameras.

RedVu GO™ mobile application allows simple connection to Redvision NVR's and Cameras, with live preview of up to 16 Channels and playback video preview of 4 channels. Alarm notifications are easily managed with multiple push notification event sliders to adjust.

Alarm Notifications

Multiple alarm notifications are available from the Knight Stor 32™ NVR, covering General, Motion Detection, Video Loss, IVA, Alarm input, Abnormal alarm and Alarm output.

IVA Link to PTZ Preset

The Knight Stor 32™ utilises the Intelligent Video Analytics (IVA) from Redvision cameras, with simple configuration and setup available directly from the NVR. The camera's IVA can be set to control a Redvision PTZ, allowing trip wire detection (or other IVA) to move a Redvision PTZ camera to a predefined preset, to better investigate the scene.

Image	Part Code and Description
	RVK-STOR-32-0TB: KNIGHT STOR, 32 Channel NVR, 16 POE Ports - No Hard Disk Drive
	RVK-STOR-32-8TB: KNIGHT STOR, 32 Channel NVR, 16 POE Ports – 2 X 4TB Hard Disk Drives
	RVK-STOR-32-16TB: KNIGHT STOR, 32 Channel NVR, 16 POE Ports – 4 x 4TB Hard Disk Drives
	RVK-STOR-32-24TB: KNIGHT STOR, 32 Channel NVR, 16 POE Ports – 2 x 12TB Hard Disk Drives
	RVK-STOR-32-48TB: KNIGHT STOR, 32 Channel NVR, 16 POE Ports – 4 x 12TB Hard Disk Drives

Inputs

IP Channels	32
Max. Camera Bandwidth – Input	320Mbps
Max. Camera Bandwidth – Output	320 Mbps

Outputs

HDMI Output	1920x1080, 1440x900, 1280x1024
VGA Output	3840x2160, 1920x1080, 1440x900 1280x1024
Decoding Capacity	1920x1080, 1440x900, 1280x1024
Dual-Streaming	1ch x 12MP, 4ch x 8MP, 16ch x 1080p 32ch x 720p
Display layout options	Supported

Network

Interface	1x Ethernet RJ45, 10-100 Base-T connection
Protocols	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, 802.1x, SNMP, ONVIF, SDK
PoE	16 Ports (802.3af, 15.4W) 128W Total
Remote Users	8 Simultaneous Users
Cloud Storage	Supported
Security	Base-64 authentication, HTTPS (SSL), 802.1x, IP Address Filtering
Smart Phone Access	Android, iPhone, iPad

Storage, Recording & Playback

HDD	4 Internal SATA, 12TB max.
RAID Modes	5, 6, 10
Recording Resolutions	D1 to 12MP
Recording Modes	Manual, Scheduled, Regular, Continuous, Event
Event Triggers	Motion Detection, Alarm Input, Video Loss, IVS
Synced Playback	16, 9, 4, 1
Search Modes	Date & Time, Alarm, Motion Grid, Event Search
Backup Modes	USB Device, Network, eSATA
Mobile App	Android, IOS, with push events

I/O

Audio	1 Input, 1 Output, Line-Level
Alarm Inputs	2
Alarm Output	2
USB	2x USB 2.0 ports, 1 x USB 3.0 port

Electrical & Physical

Power Supply	100~240VAC
Power Consumption	<15W (without HDD)
Operating Temperature	-10°C ~ +50°C
Relative Humidity	< 90%
Compliance	CE/ FCC
Weight	4.5kg (without HDD)
Dimensions	MAX 440mm x 369mm x 70mm
Body Material	Metal
Colour	Black