

RVKS-STOR-32

Knight Stor S 32

Key Features

- 32ch ONVIF NVR
- Optimised for Redvision Cameras
- Up to 64TB HDD for Continuous Recording
- Up to 8MP Live View and Recording
- 16ch PoE (802.3af, 802.3at) for Easy Connection
- Audio and Alarm I/O
- Point & Click PTZ Control
- HDMI & VGA Output, up to 4K Display Resolution
- RedVu GO Mobile App Access
- RedVu Central Management System (CMS)
- Smart Search & Playback
- AI by NVR

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 (802.3af/at) for your Redvision cameras means simple plug and play experience.

3D Positioning – Point and Click

3D positioning control of your Redvision PTZ 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 cameras with the NVR, but any existing ONVIF cameras can also be accommodated. The NVR works with a range of camera resolutions, up to 8MP; giving total flexibility in the system architecture.

Surveillance-Grade HDD Recording

64TB total storage means you won't miss a thing. For example, thirty-two H265 4MP cameras can be recorded and real-time footage retained for 48+ days. A choice of storage options is of course available, using top-quality surveillance-grade hard disk drives.

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 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
	RVKS-STOR-32-0TB: KNIGHT STOR, 32 Channel NVR, 16 PoE Ports, 4 HDD Capacity - No Fitted HDD
	RVKS-STOR-32-12TB: KNIGHT STOR, 32 Channel NVR, 16 PoE Ports, 4 HDD Capacity – 12TB Hard Disk Drive(s) Fitted
	RVKS-STOR-32-24TB: KNIGHT STOR, 32 Channel NVR, 16 PoE Ports, 4 HDD Capacity – 24TB Hard Disk Drive(s) Fitted
	RVKS-STOR-32-36TB: KNIGHT STOR, 32 Channel NVR, 16 PoE Ports, 4 HDD Capacity – 36TB Hard Disk Drive(s) Fitted
	RVKS-STOR-32-48TB: KNIGHT STOR, 32 Channel NVR, 16 PoE Ports, 4 HDD Capacity – 48TB Hard Disk Drive(s) Fitted
	RVKS-STOR-32-64TB: KNIGHT STOR, 32 Channel NVR, 16 PoE Ports, 4 HDD Capacity – 64TB Hard Disk Drive(s) Fitted

Video Input	
IP Camera Input	32 Channel
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	320Mbps
Video Output	
HDMI 1 Output	3840x2160, 1920x1080, 1280x1024, 1024x768
HDMI 2 Output	1920x1080, 1280x1024, 1024x768
VGA Output	1920x1080, 1280x1024, 1024x768
Different Source Output	Supported
Decoding Capacity	1ch 8MP, 4ch 4MP, 9ch 1080P, 32ch D1
Dual Stream	Supported
Multi-screen Display	1st Screen: 1/ 4/ 8/ 9/ 16/ 32/ 36 2nd Screen: 1/ 4/ 8/ 9/ 16
Perimeter Protection	
Intrusion (By NVR)	Human and Vehicle Detection
Recording	
Resolution	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Recording Mode	Manual, Schedule (Regular, Continuous), Event
Trigger Events	Motion Detection, Video Loss, Alarm in, IVS
Playback and Backup	
Sync Playback	16/ 9/ 4/ 1
Search Mode	Time /Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network, eSATA
Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	8 users
Smart Phone	RedVu Go - iPhone, iPad, Android
Interoperability	ONVIF (Profile S, T), SDK, CGI
Network Interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

PoE	
Interface	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Power	≤ 140 W
Standard	IEEE 802.3 af/at
Disk Array	
Array Type	RAID 5, RAID 6, RAID 10
HDD	4 SATA Ports, up to 16TB capacity for each disk
eSATA	1 eSATA Interface
Interface	
Audio In/Out	1/1
Alarm In/Out	6/2
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 1 × USB 3.0
RS485 Interface	Supported
RS232 Interface	Supported
General	
Power Supply	100 ~ 240VAC
Power Consumption	< 15 W (without HDD)
Operating Conditions	-10 °C ~ 50 °C
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	440.0 × 368.3 × 70.0 mm
Net Weight	4.65 kg without HDD

