



# ITR-NVS8220-K

## H.265 2HDD 20ch NVR



**SILVER  
SERIES**

### KEY FEATURES

#### HD Input

- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Up to 20-channel input
- Supports live view, storage, and playback of the connected camera at up to 8MP resolution

#### HD Output

- HDMI and VGA simultaneous output
- HDMI Video output at up to 4K (3840×2160) resolution

#### HD Storage

- 2 SATA interfaces, up to 10TB for each HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

#### HD Transmission

- 1×RJ45 self-adaptive 10/100/1000 Mbps network interface

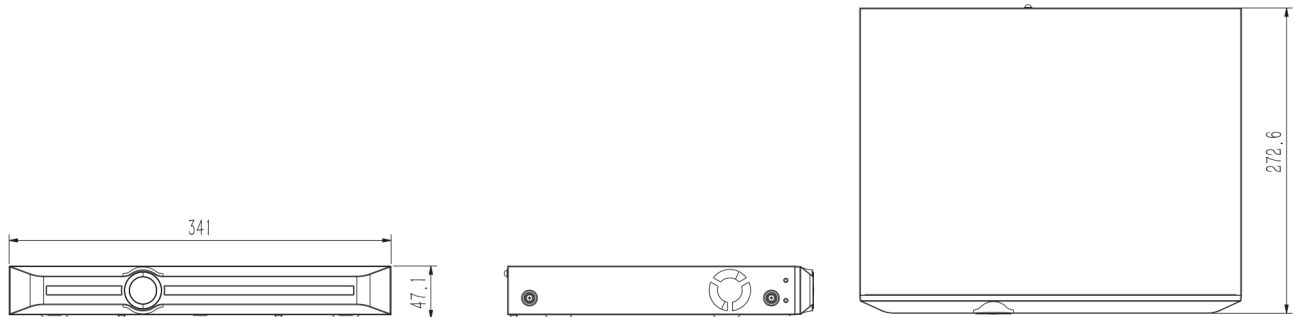
#### Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, upgrade, etc.
- Connectable to smart IP cameras from Redka and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Smart search for the selected area in the video and smart playback to improve the playback efficiency
- Web6 supports plug-in free browsing and can preview videos on all browsers
- Support cloud upgrade

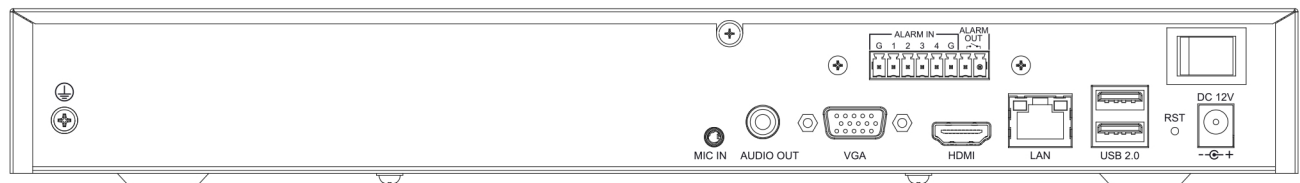
## SPECIFICATIONS

Input	
Video Input	20-ch
Max Resolution	8MP
Two-way Audio Input	1-ch, 3.5mm
Bandwidth	Income 120Mbps; Outgoing 100Mbps
Output	
HDMI/VGA Output	HDMI: 1-ch, 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800 VGA 1-ch, 1920×1080, 1280×720, 1024×768, 1440×900, 1280×800
Screen Split	1/3/4/5/6/8/9/10/13/16/20A/20B
Audio Output	1×RCA
Decoding	
Decoding Format	S+265/H.265/H.264
Recording Resolution	8MP/6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability	1×8MP, 1×6MP, 1×5MP, 2×4MP, 2×3MP, 4×1080P, 8×720P, 20×4CIF
Synchronous Playback	1×8MP, 1×6MP, 1×5MP, 2×4MP, 2×3MP, 4×1080P, 8×720P
Records Encryption	Yes
Hard Disk	
SATA	2 SATA interfaces for 2 HDDs
Capacity	Up to 10TB for each HDD
eSATA Interface	N/A
Array Type	N/A
Network	
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPV4, IPV6, Multicast, ARP, UDP, SNMP, SSL, T1enet, RTMP, NFS
System Compatibility	ONVIF (PROFILE S/T/G), SDK, CGI, P2P
External Interface	
Network Interface	1xRJ45 self-adaptive 10/100/1000 Mbps network interface
USB Interface	2xUSB 2.0
Serial Interface	N/A
Alarm In/Out	4/1
General	
Web Version	Web6
Language	English, Traditional Chinese, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Thai, French, Polish, Dutch, Hebrew (UI), Farsi (UI), Arabic
Operating Conditions	-10°C ~ 55°C, 10%~90% RH
Power Supply	DC12V 3.33A
Consumption (without HDD)	≤10W (without HDD)
Chassis	1U
Dimensions	47.1×272×341mm, (1.85×10.73×13.43 inch)
Weight (without HDD)	1.6Kg (3.53lb)

## DIMENSIONS (Unit: mm)



## Physical Interfaces



**36** Months Guarantee  
SUPPORTED BY  
**REDKA**  
Safe Hands of Technology  
www.redka.ir



Email: [info@redka.ir](mailto:info@redka.ir)  
Website: [redka.ir](http://redka.ir)

Tel: +98 21 88902790  
Fax: +98 21 88902790 (104)