



## PROVISION-ISR NVR8-128RT(3U) 128CH 8MP NVR with RAID Owner's Manual

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128RT(3U) 128CH 8MP NVR with RAID  
Owner's Manual

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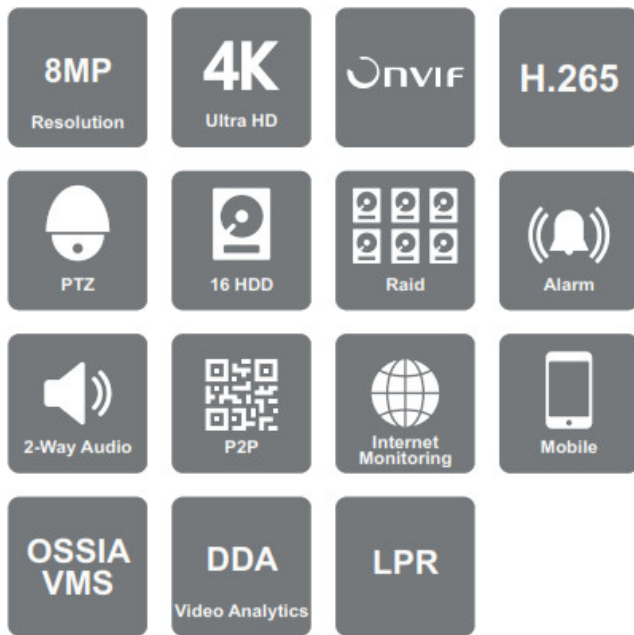
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## NVR SERIES

Provision-ISR conventional NVRs are intended for obtaining video streams from the IP cameras via the IP networks for the purpose of their storage and subsequent playback. These devices communicate with the IP cameras through the general network, without the need of direct IP camera connection, providing the installer with the highest flexibility in the design of the system and the wiring.

### **NVR8-128RT(3U) 128CH 8MP NVR WITH RAID**

Provision-ISR NVR8-128RT(3U) is an easy-to-install solution suitable for big-sized installations (up to 128 channels). The device features 8 alarm inputs + 4 alarm outputs and provides you with everything you need for a trouble-free CCTV project. All hardware components, including the Raid, are validated to meet the demands for reliable high-definition surveillance.



## MAIN FEATURES

- Channels: 128 Over Network
- Video output: HDM 11 (4K, 1080P,1280X1024), HDMI2+VGA (1080P,1280X1024) 32CH per monitor
- Max. Recording: 128CH 8MP Real Time
- HDD: 16 SATA (8TB each) with Smart Management, 2 E-SATA Port
- RAID Support
- Alarms: 8 In / 4 Out (+ IPC Inputs/Outputs)
- Audio: 1 In / 1 Out (+ IPC Inputs/Outputs)
- Video Analytics: Yes (Must be supported by IPC)
- DDA. LPR and Fish-Eye support

## SPAECIFICATIONS

Input	128Ch Over Network
Output	HDMI1 (4K 30/60Hz, 1080P1280x1024), HDMI2 +VGA (1280x1024, 1080P)
<b>Video</b>	
View Mode	Independent. Up to 64th Per Monitor
Decoding Format	H.265 / H.265+/ H.265S / H.264
Decoding Capabilities	1Ch – 8MP; 4Ch – 2x8MP + 2x5MP ; 9/16Ch – 1MP ; 32Ch – 20x1MP + 12xD1 ; 64Ch – D1
Input	1CH RCA (Linear. 1k(1)+ PC Inputs
<b>Audio</b>	
Output	1CH RCA (2.0 Vp-p, 1 k(1) + IPC Inputs
Compression	G.711NG.711U
Two Way Audio	Yes
Analytics Channels	128Ch (Requires supporting IPC)
<b>Analytics</b>	
Supported Analytics	Camera Tampering, Line Crossing (DDA/ Pixel Based). Sterile Area (DDA/ Pixel Based). ObjectMonitoring, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR
Face Recognition Rate	N/A
Incoming	384Mbps
<b>Bandwidth</b>	
Outgoing	384Mbps
Real-Time Recording	128CH 8MP Real-Time
<b>Record / Remote Recode/ main Stream</b>	
Record Type	Video / Video + Audio
5 Mp and Lower	3840FPS (NTSC)/3200FPS (PAL)
5MP and lower	3840FPS (NTSC)/3200FPS (PAL)
Master stream over network	Up to 128 CH @recording Resolution

Resolution	. Depends on IPC
<b>Sub Stream</b>	
Sub-Streams over Network	Up to Outgoing Bandwidth Capacity
<b>General</b>	
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations
<b>Recode</b>	
User Access	20 Users Online with Professional Authority Management
<b>Record /Remote</b>	
Mobile App	Provision Cam2 for iOS/Android
PC/Mac Software	Ossia VMS Standard / Enterprise
Local Playback	Chrome, FireFox, Safari, Edge, Opera. (All Limited to 4Ch Live View / Playback)
Remote Playback (web,app)	Internet Explorer
<b>Playback</b>	
Local Playback	16Ch
Remote Playback (Web, App, VMS)	16Ch
Search Mode	DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS
<b>Backup</b>	
USB	2 USB 2.0 Port + 1 USB 3.0 Port
Backup Format	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
<b>Alarm</b>	
Input	5+IPC
Output	4+IPC
HDD	16
E-SATA	2
<b>Storage</b>	
Max Capacity	128TB (Up to 8TB Each) External: 16TB (Up to 8TB Each)
RAID	Yes (0/1/5/6/10)

Connection	Via Network
<b>PTZ</b>	
Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
RS-485	Yes (C06 Keyboard Connection)
Ethernet	2×1000/100/10Mbps self-adaptive Ethernet interface with Fault Tolerance / Dual Network Configuration
<b>Network</b>	
Protocols	TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, FTP, HTTPS, 820.1X, SNMP, Auto Report (Ossia VMS)
ONVIF	Full Device Support (Profile T/G, ONVIF Version 20.12)
Ports	N/A
Speed	N/A
Standard	N/A
<b>PoE</b>	
CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A
Power Supply	AC100-240V
<b>Other</b>	
Power consumption (No HDD)	15W
Dimension	W440xD485xH 148mm
Operation Temperature	0-50C



[www.provition.com](http://www.provition.com)

**Documents / Resources**



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NVR8-128RT 3U 128CH 8MP NVR with RAID, NVR8-128RT 3U, 128CH 8MP NVR with RAID,  
128CH 8MP, NVR with RAID