SHARPCAM

ULTRA NVR SERIES

SPC-N-U-64CH-0P-48T-2X-G2

Network video recorder

Recording performance for your video system

64CH NVR, 4K@240fps / 4MP@480fps / 2MP@960fps, 640Mbps Input / 640Mbps Output, 4 HDD up to 12TB each, No PoE, Metal Housing.

64ch · No integrated PoE · 640Mbps in · 640Mbps out · 48TB max



64 channels	640 Mbps	640 Mbps	4 SATA bays	48 TB total	N/A	3*HDMI up to 4K + 1*HDMI 1080P Async out	2 RJ45 10/100/1000 Base-T
IP Channels	Recording Input	Output Bandwidth	Storage Bays	Total Storage	Data Protection	Display Output	Network Interfaces

RECORDING PERFORMANCE

High-throughput ingest and playback

- 64 channels
- 640 Mbps incoming bandwidth
- 640 Mbps outgoing bandwidth
- 8MP (3840x2160), 5MP (2880x1620), 4MP (2592x1520), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720)
- 4K: 240fps, 4MP: 480fps, 2MP: 960fps

STORAGE & RETENTION

Scalable retention and resilience

- 4 SATA bays
- 48TB
- N/A
- eSATA: 1pc
- 4 SATA

AI EVENT MANAGEMENT

Search, investigate and respond faster

- Smart Search [365]

SYSTEM ARCHITECTURE

SharPcam Cameras
↓
Network
↓
SharPcam NVR
↓
Recording Storage
↓
Eye365 VMS · project dependent

RECOMMENDED APPLICATIONS

Evidence retention	Camera metadata search	Local recording resilience	Factories	Hospitals	Enterprise	Long Retention Storage

ULTRA TECHNICAL PRODUCT DATA

SPC-N-U-64CH-0P-48T-2X-G2

Network video recorder

Former model reference: SS-NRKIU1064x4



1. RECORDING & DECODING

IP Channels	64 channels
Input Bandwidth	640 Mbps
Output Bandwidth	640 Mbps
Recording Resolution	8MP (3840x2160), 5MP (2880x1620), 4MP (2592x1520), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720)
Video Compression	H.265+ / H.265 / H.264+ / H.264
Audio Compression	G.711A
Frame Rate	4K: 240fps, 4MP: 480fps, 2MP: 960fps
Playback Channels	Max 64CH
Integrated PoE ports	0
Recording / decoding profile	4K:240fps,4MP:480fps,2MP: 960fps, 1 line in ,RS232, 64ch No POE

2. STORAGE & RAID

SATA Bays	4 SATA bays
Max HDD Capacity	48TB
eSATA	1pc
RAID Levels	N/A
HDD Management	4 SATA
Hot Swap	NO
Maximum total storage	48 TB total

3. VIDEO OUTPUTS

Video outputs	3*HDMI up to 4K + 1*HDMI 1080P Async out
Max Resolution	4K (3840×2160)
Independent Output	HDMI + VGA
Multi-screen Display	Max. 64CH

4. NETWORK & INTEGRATION

Ethernet	2 RJ45 10/100/1000 Base-T
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP,PPPoE
ONVIF	—
API / Integration	RS API
Streaming	RTP/RTSP
Security	IP Address Filter, HTTPS Encryption, Complicated Password, Control Timeout

5. AUDIO / ALARM / I/O

Audio Input	Not specified
Audio Output	1 × Audio Output
Alarm Input	16 × Alarm Inputs
Alarm Output	1 × Alarm Outputs
USB	USB 2.0 x1 Front, USB 3.0 x2 Rear
Serial	RS485 x1
Reset	Press 10 seconds
Audio	1 out
Alarm I/O	16 in/1out
Interfaces	HDMI x4, RJ45 x2, USB 2.0 x1 Front, USB 3.0 x2 Rear, Audio Out x1, Alarm In x16, Alarm Out x1, E-SATA x1

6. AI & SMART SEARCH

Smart Search [365]	✓

7. ELECTRICAL & MECHANICAL

Power Supply	DC48V / 5A
Operating Temperature	-10°C to +50°C / ≤90% RH
Operating Humidity	≤90% RH
Dimensions	—
Weight	—
Installation	Rack Mount / Desktop
Material	Metal
Power consumption	8W

8. SOFTWARE / CLIENTS

Local UI	UI5.0
Web Viewer	IE10/11, Safari 12.1+, Firefox 52+, Chrome 57+, Edge 79+
Mobile App	CybVu
Operating System	Not specified
Languages	—

9. ORDERING INFORMATION

SKU	SPN-U004
Model	SPC-N-U-64CH-0P-48T-2X-G2
Description	Network video recorder