SHARPCAM

ECO NVR SERIES

SPC-N-E-04CH-0P-08H-1X-G2

Network video recorder

Recording performance for your video system

4CH 4K NVR, 50Mbps Input / 48Mbps Output, H.265/H.264, 1 HDD up to 10TB, HDMI/VGA, Smart Search, No PoE, Metal Housing.

4ch · No integrated PoE · 50Mbps in · 48Mbps out · 8TB max



4 channels	50 Mbps	48 Mbps	1 SATA bays	8 TB total	N/A	1*VGA + 1*HDMI up to 4K	1 network port(s)
IP Channels	Recording Input	Output Bandwidth	Storage Bays	Total Storage	Data Protection	Display Output	Network Interfaces

RECORDING PERFORMANCE

High-throughput ingest and playback

- 4 channels
- 50 Mbps incoming bandwidth
- 48 Mbps outgoing bandwidth
- 8MP (3840×2160), 5MP (2880×1620), 3MP (2304×1296), 1080P, 960P, 720P
- 4K: 30fps / 4MP: 60fps / 2MP: 120fps

STORAGE & RETENTION

Scalable retention and resilience

- 1 SATA bays
- 10TB
- N/A
- eSATA: N/A
- 1 SATA HDD

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	Small Business	Retail	Office

ECO TECHNICAL PRODUCT DATA

SPC-N-E-04CH-0P-08H-1X-G2

Network video recorder

Former model reference: SS-NRKIE1004x1



1. RECORDING & DECODING

IP Channels	4 channels
Input Bandwidth	50 Mbps
Output Bandwidth	48 Mbps
Recording Resolution	8MP (3840×2160), 5MP (2880×1620), 3MP (2304×1296), 1080P, 960P, 720P
Video Compression	H.265+ / H.265 / H.264+ / H.264
Audio Compression	G.711A / G.711U
Frame Rate	4K: 30fps / 4MP: 60fps / 2MP: 120fps
Playback Channels	Max. 4CH
Integrated PoE ports	0
Recording / decoding profile	4K:30fps / 4MP:60fps / 2MP: 120fps 1 HD , 4ch No PoE, Metal

2. STORAGE & RAID

SATA Bays	1 SATA bays
Max HDD Capacity	10TB
eSATA	N/A
RAID Levels	N/A
HDD Management	1 SATA HDD
Hot Swap	NO
Maximum total storage	8 TB total

3. VIDEO OUTPUTS

Video outputs	1*VGA + 1*HDMI up to 4K
Max Resolution	HDMI: 3840×2160 (4K)
Independent Output	HDMI + VGA
Multi-screen Display	Up to 4CH

4. NETWORK & INTEGRATION

Ethernet	1 network port(s)
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
ONVIF	—
API / Integration	Not specified
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	Not specified
Alarm Output	Not specified
USB	USB 2.0 ×1 Front + USB 2.0 ×1 Rear
Serial	Not specified
Reset	Press 10 seconds
Audio	1 out
Alarm I/O	Alarm Out supported; Alarm Input not specified

6. AI & SMART SEARCH

Smart Search [365]	✓

7. ELECTRICAL & MECHANICAL

Power Supply	DC 12V / 2A
Operating Temperature	-10°C to +50°C / ≤90% RH
Operating Humidity	≤90% RH
Dimensions	300X227X53mm
Weight	—
Installation	Desktop
Material	Metal
Power consumption	3.5W

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	Embedded Linux / Not specified by manufacturer
Languages	English, French, Spanish, Portuguese, German, Italian, Greek, Danish, Finnish, Russian, Hebrew, Turkish, Bulgarian, Arabic, Korean, Japanese, Thai, Hindi, Romanian, Dutch, Polish.

9. ORDERING INFORMATION

SKU	SPN-E001
Model	SPC-N-E-04CH-0P-08H-1X-G2
Description	Network video recorder