SHARPCAM

ECO NVR SERIES

SPC-N-E-04CH-4P-08H-1X-G2

Network video recorder

Recording performance for your video system

4CH 4K PoE NVR, 4K@30fps / 4MP@60fps / 2MP@120fps, 50Mbps Input / 48Mbps Output, 1 HDD up to 10TB, 4 PoE Ports, Metal Housing.

4ch · 4ch PoE · 50Mbps in · 48Mbps out · 8TB max



4 channels	50 Mbps	48 Mbps	1 SATA bays	10 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 / 5MP / 3MP / 2MP (1080P) / 1.3MP (960P) / 1MP (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	Fast PoE Deployment

ECO TECHNICAL PRODUCT DATA

SPC-N-E-04CH-4P-08H-1X-G2

Network video recorder

Former model reference: SS-NRKIE1004x1 4P



1. RECORDING & DECODING

IP Channels	4 channels
Input Bandwidth	50 Mbps
Output Bandwidth	48 Mbps
Recording Resolution	8MP / 5MP / 3MP / 2MP (1080P) / 1.3MP (960P) / 1MP (720P)
Video Compression	H.264/H.265/H.264+/H.265+"
Audio Compression	G.711A / G.711U
Frame Rate	4K: 30fps / 4MP: 60fps / 2MP: 120fps
Playback Channels	Max. 4CH
Integrated PoE ports	4
Recording / decoding profile	4K:30fps / 4MP:60fps / 2MP: 120fps 1 HD , with 4ch PoE 48V 1.2A

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	10 TB total

3. VIDEO OUTPUTS

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

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	YES
USB	USB 2.0 ×1 Front + USB 2.0 ×1 Rear
Serial	N/A
Reset	Press 10 seconds
Audio	1 out
Alarm I/O	Yes

6. AI & SMART SEARCH

Smart Search [365]	✓

7. ELECTRICAL & MECHANICAL

Power Supply	DC48V / 1.2A
Operating Temperature	-10°C to +50°C / ≤90% RH
Operating Humidity	≤90% RH
Dimensions	300X227X53mm
Weight	—
Installation	Desktop
Material	Metal
Power consumption	5W

8. SOFTWARE / CLIENTS

Local UI	UI5.0
Web Viewer	IE10/11, Safari V12.1+, Firefox V52+, Chrome V57+, Edge V79+
Mobile App	CybVu
Operating System	Not specified
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-E003
Model	SPC-N-E-04CH-4P-08H-1X-G2
Description	Network video recorder