SHARPCAM

ECO NVR SERIES

SPC-N-E-08CH-8P-10T-1X-G3

Network video recorder

Recording performance for your video system

8CH 4K PoE NVR, 4K@30fps / 4MP@60fps / 2MP@120fps, 76Mbps Input / 32Mbps Output, 1 HDD up to 10TB, with 8ch PoE 48V 1.5A Metal Housing.

8ch · 8ch PoE · 76Mbps in · 76Mbps out · 10TB max



8 channels	76 Mbps	32 Mbps	1 SATA bays	10 TB total	N/A	1 VGA 1 HDMI up to 4K	1 RJ45 10/100 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

- 8 channels
- 76 Mbps incoming bandwidth
- 32 Mbps outgoing bandwidth
- 8MP (3840x2160), 5MP (2880x1620), 3MP (2304x1296), 1080P (1920x1080), 960P (1280x960), 720P (1280x720)
- 4K: 30fps, 4MP: 60fps, 2MP: 120fps

STORAGE & RETENTION

Scalable retention and resilience

- 1 SATA bays
- 10TB
- N/A
- eSATA: optional
- 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-08CH-8P-10T-1X-G3

Network video recorder

Former model reference: SS-NRKIE2008x1 8P



1. RECORDING & DECODING

IP Channels	8 channels
Input Bandwidth	76 Mbps
Output Bandwidth	32 Mbps
Recording Resolution	8MP (3840x2160), 5MP (2880x1620), 3MP (2304x1296), 1080P (1920x1080), 960P (1280x960), 720P (1280x720)
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. 8CH
Integrated PoE ports	8
Recording / decoding profile	4K:45fps / 4MP:90fps / 2MP: 180fps 1 HD , with 8ch PoE 48V 1.5A

2. STORAGE & RAID

SATA Bays	1 SATA bays
Max HDD Capacity	10TB
eSATA	optional
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 RJ45 10/100 Base-T
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP,PPPoE
ONVIF	—
API / Integration	Not specified
Streaming	RTP/RTSP
Security	IP Address Filter, HTTPS Encryption, Complicated Password, Control Timeout Settings

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 x1 Front, USB 2.0 x1 Rear
Serial	N/A
Reset	Press 10 seconds
Audio	1 out
Alarm I/O	(4in/1out)
Interfaces	HDMI x1, VGA x1, RJ45 x1, PoE RJ45 x8, USB 2.0 x2, Audio Out x1

6. AI & SMART SEARCH

Smart Search [365]	✓

7. ELECTRICAL & MECHANICAL

Power Supply	DC48V / 1.5A
Operating Temperature	-10°C to +50°C / ≤90% RH
Operating Humidity	≤90% RH
Dimensions	300X227X53mm
Weight	—
Installation	Desktop
Material	Metal
Power consumption	6W

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-E005
Model	SPC-N-E-08CH-8P-10T-1X-G3
Description	Network video recorder