SHARPCAM

MAINSTREAM NVR SERIES

# SPC-N-M-04CH-0P-08T-1X-G2

## Network video recorder

## Recording performance for your video system

4CH 4K PoE NVR, 4K@45fps / 4MP@90fps / 2MP@180fps, 50Mbps Input / 64Mbps Output, 1 HDD up to 10TB, 4 no PoE Ports, Metal Housing.

4ch · No integrated PoE · 50Mbps in · 64Mbps out · 8TB max




| 4 channels | 50 Mbps | 64 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

- 4 channels
- 50 Mbps incoming bandwidth
- 64 Mbps outgoing bandwidth
- 8MP (3840x2160), 5MP (2880x1620), 4MP (2592x1520), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720)
- 4K:45fps, 4MP:90fps, 2MP: 180fps

### 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 |
|---|---|---|---|---|---|

MAINSTREAM TECHNICAL PRODUCT DATA

# SPC-N-M-04CH-0P-08T-1X-G2

## Network video recorder

Former model reference: SS-NRKIM1004x1



### 1. RECORDING & DECODING

| | |
|---|---|
| **IP Channels** | 4 channels |
| **Input Bandwidth** | 50 Mbps |
| **Output Bandwidth** | 64 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, G.711U |
| **Frame Rate** | 4K:45fps, 4MP:90fps, 2MP:180fps |
| **Playback Channels** | Max. 4CH |
| **Integrated PoE ports** | 4 |
| **Recording / decoding profile** | 4K:45fps, 4MP:90fps, 2MP:180fps, 1 HD , 4ch No PoE |

### 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 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** | ONVIF (Profile S/G/T) |
| **Streaming** | RTSP Supported |
| **Security** | IP Address Filter, HTTPS Encryption, Complicated Password, Control Timeout Settings |

### 5. AUDIO / ALARM / I/O

| | |
|---|---|
| **Audio Input** | 1 Input |
| **Audio Output** | 1 × Audio Output |
| **Alarm Input** | 4 Input |
| **Alarm Output** | 1 Output |
| **USB** | USB 2.0 ×1 Front + USB 2.0 ×1 Rear |
| **Serial** | N/A |
| **Reset** | Press 10 seconds |
| **Audio** | 1 Input – 1 Output |
| **Alarm I/O** | 4 Input – 1 Output |
| **Interfaces** | HDMI x1, VGA x1, RJ45 x1, PoE RJ45 x4, USB 2.0 x2, Audio In x1, Audio Out x1, Alarm In x4, Alarm Out x1 |

### 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 12.1+, Firefox 52+, Chrome 57+, Edge 79+ |
| **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-M001 |
| **Model** | SPC-N-M-04CH-0P-08T-1X-G2 |
| **Description** | Network video recorder |