SHARPCAM

ULTRA NVR SERIES

SPC-N-U-64CH-0P-192T-2X-G2

Network video recorder

Recording performance for your video system

64-channel Ultra-series network video recorder with 640 Mbps incoming and outgoing bandwidth, 16 SATA drive bays, RAID 0/1/5/6/10 and HDMI output up to 8K.

64 IP channels; no integrated PoE · 640 Mbps input / 640 Mbps output · 16 SATA bays; up to 18 TB per enterprise-class drive · RAID 0 / 1 / 5 / 6 / 10 · Up to 16-channel playback · Fisheye support · Fast playback 2× / 4× / 8× / 16×; slow playback 1/2× / 1/4× / 1/8× / 1/16×



64 channels	640 Mbps	640 Mbps	16 SATA bays	18 TB / drive	RAID 0 / 1 / 5 / 6 / 10	4 HDMI; up to 8K	2 × RJ45 Gigabit Ethernet (1000BASE-T)
IP Channels	Recording Input	Output Bandwidth	Storage Bays	Drive Capacity	Data Protection	Display Output	Network Interfaces

RECORDING PERFORMANCE

High-throughput ingest and playback

- 64 channels
- 640 Mbps incoming bandwidth
- 640 Mbps outgoing bandwidth
- 12 MP / 8 MP / 5 MP / 3 MP / 2 MP (1080p) / 1.3 MP (960p) / 1 MP (720p)
- 4K: 240 fps; 4 MP: 480 fps; 2 MP: 960 fps

STORAGE & RETENTION

Scalable retention and resilience

- 16 SATA bays
- 18 TB per drive (enterprise-class)
- RAID 0 / 1 / 5 / 6 / 10
- eSATA: 1

AI EVENT MANAGEMENT

Search, investigate and respond faster

- Face detection
- Pedestrian detection
- Vehicle detection
- Cross counting
- Heat map
- Crowd density detection
- Perimeter intrusion detection
- Line crossing detection
- Queue length detection
- License plate detection
- Rare sound detection

SYSTEM ARCHITECTURE

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

RECOMMENDED APPLICATIONS

64-channel video recording	RAID storage	Multi-screen monitoring

ULTRA TECHNICAL PRODUCT DATA

SPC-N-U-64CH-0P-192T-2X-G2

Network video recorder



1. RECORDING & DECODING

IP Channels	64 channels
Input Bandwidth	640 Mbps
Output Bandwidth	640 Mbps
Recording Resolution	12 MP / 8 MP / 5 MP / 3 MP / 2 MP (1080p) / 1.3 MP (960p) / 1 MP (720p)
Video Compression	H.264 / H.265 / H.264+ / H.265+
Audio Compression	G.711A / G.711U
Frame Rate	4K: 240 fps; 4 MP: 480 fps; 2 MP: 960 fps
Playback Channels	Up to 16 channels
Integrated PoE ports	0

2. STORAGE & RAID

SATA Bays	16 SATA bays
Max HDD Capacity	18 TB per drive (enterprise-class)
eSATA	1
RAID Levels	RAID 0 / 1 / 5 / 6 / 10
HDD Management	—
Hot Swap	—
Storage architecture	16 SATA; up to 18 TB per enterprise-class HDD

3. VIDEO OUTPUTS

Video outputs	4 HDMI: 3 outputs up to 8K / 4K + 1 output up to 1080p; asynchronous output
Max Resolution	7680 × 4320 (8K)
Independent Output	Asynchronous output
Multi-screen Display	With HDMI 1 set to 8K, HDMI 3 and 4 are limited to 1080p and HDMI 2 is disabled.

4. NETWORK & INTEGRATION

Ethernet	2 × RJ45 Gigabit Ethernet (1000BASE-T)
Network Protocols	—
ONVIF	—
API / Integration	—
Streaming	—
Security	—

5. AUDIO / ALARM / I/O

Audio Input	1 line input
Audio Output	1
Alarm Input	16
Alarm Output	4
USB	1 × USB 2.0 (front); 2 × USB 3.0 (rear)
Serial	1 × RS232 (RJ45); 1 × RS485
Reset	Password reset supported
Audio	1 line input / 1 output
Alarm I/O	16 inputs / 4 outputs

6. AI & SMART SEARCH

Face detection	✓
Pedestrian detection	✓
Vehicle detection	✓
Cross counting	✓
Heat map	✓
Crowd density detection	✓
Perimeter intrusion detection	✓
Line crossing detection	✓
Queue length detection	✓
License plate detection	✓
Rare sound detection	✓

7. ELECTRICAL & MECHANICAL

Power Supply	ATX 250 W
Operating Temperature	-10 to +50 °C
Operating Humidity	<90% RH
Dimensions	440 × 460 × 149 mm (W × D × H)
Weight	—
Installation	—
Material	—
Power consumption	8 W (excluding HDDs)

8. SOFTWARE / CLIENTS

Local UI	UI 5.0
Web Viewer	IE 10/11; Safari ≥12.1; Firefox ≥52; Chrome ≥57; Edge ≥79
Mobile App	Cybvu
Operating System	—
Languages	English/French/Spanish/Portuguese/German/Italian/Greek/Danish/Finnish/Hebrew/Turkish/Bulgarian/Arabic/Korean/Japanese/Thai/Hindi/Romanian/Dutch/Polish

9. ORDERING INFORMATION

SKU	SPC-N-U-64CH-0P-192T-2X-G2
Model	SPC-N-U-64CH-0P-192T-2X-G2
Description	Network video recorder