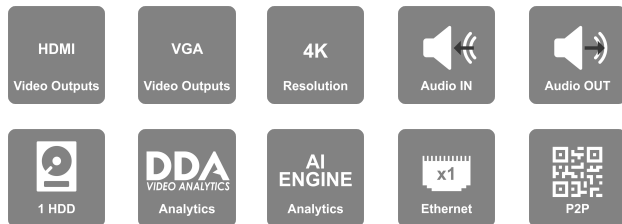


# NVR8-8200N-V2

## 8MP 8CH NVR embedded with check point protection, and NDAA compliance

With 4 PoE ports and compliance with NDAA requirements, this device provides all the essential features for a hassle-free CCTV project.



## MAIN FEATURES

### Video:

- Input: 8 Channel Support
- 8 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI (4K, 1080P), VGA (1080P, 1280×1024, 1024×768)

### Bandwidth:

- Incoming: 80Mbps
- Outgoing: 80Mbps

### Decoding Support:

- H.265S/H.265+/H.265/H264

### Analytics:

- Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR, Thermal

### Recording:

- 8CH 8MP Real-Time
- FPS: 200 (PAL) / 240 (NTSC)

### Playback:

- Local: 8Ch Simultaneously
- Remote: 8Ch Simultaneously

### Audio:

- Input: 1CH + IPC Inputs
- Output: 1CH + IPC Output
- 2 Way Audio

### Alarm:

- Input: Based on IPC only
- Output: Based on IPC only

### Storage:

- 1 x SATA (Up to 10TB each)

### USB Port:

- 2 USB 2.0 Port

### Network:

- 1 x RJ-45: 10/100/1000Mbps Each

### Remarks:

- The following features are based on firmware v1.4.10 and are subject to firmware version changes.



## SPECIFICATIONS

| 3rd Party Cyber Protection     |   |
|--------------------------------|---|
| General                        | Quantum IoT Nano agent by Check Point™  |
| Protection Methods             | Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection  |
| NDAA Compliant                 |   |
| NDAA Compliant                 | Yes   |
| Video                          |   |
| Video Input                    | 8Ch over Network  |
| Output                         | HDMI (4K, 1080P), VGA (1080P, 1280x1024, 1024x768)  |
| View Mode                      | Mirrored  |
| Fish-Eye Dewarp                | Web Only  |
| Decoding Format                | H.265 / H.265+ / H.265S / H.264   |
| Decoding Capabilities          | 1Ch – 8MP ; 4Ch – 2MP   |
| Audio                          |   |
| Audio-specs-Input              | 1CH RCA (Linear, 1kΩ) + IPC inputs  |
| audio-specs-Output             | 1CH RCA (2.0 Vp-p, 1 kΩ) + IPC outputs  |
| Compression                    | G.711A/G.711U   |
| Two Way Audio                  | Yes   |
| Analytics                      |   |
| Supported Analytics            | Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR, Thermal |
| Analytics Channels (IPC Based) | 8Ch (Requires supporting IPC)   |
| Analytic Channels (NVR Based)  | Up to 2Ch DDA1 (Sterile Area/Line Crossing) or Up to 2Ch Face Detection (or their combinations)   |
| Face Recognition Rate          | N/A   |
| Bandwidth                      |   |
| Incoming                       | 80Mbps  |

|                 |        |
|-----------------|--------|
| <b>Outgoing</b> | 80Mbps |
|-----------------|--------|

## Record/ Main Stream

|                                   |  |
|-----------------------------------|--|
| <b>Real-Time Recording</b>        | 8CH 8MP Real-Time  |
| <b>Record Type</b>                | Video / Video + Audio  |
| <b>Recording Modes</b>            | Schedule, Manual, Motion, Sensor, Analytics, POS and all of the combinations |
| <b>16MP</b>                       | N/A  |
| <b>12MP</b>                       | N/A  |
| <b>8MP</b>                        | 240FPS(NTSC)/200FPS(PAL)   |
| <b>5MP and lower</b>              | 240FPS(NTSC)/200FPS(PAL)   |
| <b>Master stream over network</b> | Up to 8CH@Recording Resolution   |

## Substream

|                             |                |
|-----------------------------|----------------|
| <b>Resolution substream</b> | Depends on IPC |
|-----------------------------|----------------|

## Remote view

|                         |   |
|-------------------------|---|
| <b>Max Channel View</b> | 40Ch (Limited to Outgoing Bandwidth Capacity) |
|-------------------------|---|

## Remote Applications

|                                  |  |
|----------------------------------|--|
| <b>User Access</b>               | 64 Users online with Professional Authority Management   |
| <b>Mobile App</b>                | Provision Cam2 for iOS/Android   |
| <b>PC/Mac Software</b>           | Ossia VMS Standard / Enterprise  |
| <b>Plug-in free Web-Browser</b>  | Chrome, FireFox, Safari, Edge, Opera. (All Limited to 4Ch Live View / Playback)<br>*P2P WEB connetion always requires Plugin |
| <b>Plug-in based Web-Browser</b> | Internet Explorer  |

## Playback

|               |     |
|---------------|-----|
| <b>Local</b>  | 8Ch |
| <b>Remote</b> | 8Ch |

|                    |   |
|--------------------|---|
| <b>Search Mode</b> | DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS |
|--------------------|---|

## Backup

|                      |  |
|----------------------|--|
| <b>USB</b>           | 2 USB 2.0 Port   |
| <b>Backup Format</b> | AVI (Unencrypted) / Private Format (Encrypted / Unencrypted) |

## Alarm

|                  |                   |
|------------------|-------------------|
| <b>Alarm-in</b>  | Based on IPC only |
| <b>Alarm-out</b> | Based on IPC only |

## Storage

|                       |     |
|-----------------------|-----|
| <b>HDD</b>            | 1   |
| <b>E-Sata Support</b> | No  |
| <b>RAID</b>           | N/A |

## PTZ

|                           |  |
|---------------------------|--|
| <b>Connection</b>         | Via Network  |
| <b>Supported Controls</b> | Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus |
| <b>RS-485</b>             | N/A  |

## Network

|                  |   |
|------------------|---|
| <b>Ethernet</b>  | 1000/100/10Mbps self-adaptive Ethernet interface  |
| <b>Protocols</b> | TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, FTP, HTTPS, 820.1X, SNMP, Auto Report (Ossia VMS) |
| <b>ONVIF</b>     | Full Device Support (Profile T/S/G, ONVIF Version 20.12)  |

## PoE

|                  |     |
|------------------|-----|
| <b>PoE Ports</b> | N/A |
| <b>Speed</b>     | N/A |
| <b>Standard</b>  | N/A |

# NVR8-8200N-V2



|                             |                 |
|-----------------------------|-----------------|
| CCTV Mode                   | N/A             |
| Total Power                 | N/A             |
| Max. Power Output (Per Ch.) | N/A             |
| Others                      |                 |
| Power Supply                | DC 12V/2A       |
| Power consumption (No HDD)  | 10W             |
| Dimension                   | W300xD249xH45mm |
| Operation Temperature       | 0°C~50°C        |