# DN-31208   8MP 8CH NVR

**ONVIF** Profile S Profile T | **8MP IPC** | **2-Way Audio**
**Push Alarm** | **SDK** iOS Android Windows | **Digital Watermark**
**RTSP** | **P2P** QR Code | **Taiwan Novatek SoC**

**NOVATEK**

## Specification:

| Model | | DN-31208 |
|---|---|---|
| **System** | Multiplex | Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access |
| **Video** | Format | IP-CAM with ONVIF Profile S/T support |
| | Input | IP-CAM: Up to 8-CH, 8MP/CH |
| | Output | HDMI: up to 3840x2160   ,   VGA: up to 1920x1080   ;   CVBS |
| **Record** | Compression | Audio: ADPCM |
| | Recording Resolution: | 8MP/5MP/4MP/3MP/1080p/720p/720x480 |
| | Mode | Manual/Schedule/Alarm/Motion |
| | Pre-record time | 0 - 10 seconds |
| | Post-record time | 0 - 60 minutes |
| **Audio** | Input | 4 RCA-jack connectors, line-in level (0.1-1Vrms) |
| | Output | HDMI ; 1 RCA-jack connectors, line-out level < 1Vrms |
| **Display** | Split windows | 1/4/7/9 |
| | Frame rate | Up to 30/25fps per display window |
| | Digital Zoom | X2, X4 |
| **Playback** | Max frame rate | 30fps@8MP / 120fps@1080p / 240fps@720p |
| | Synchronous Playback: | 8 ch (120fps@2MP) |
| | Search | Date/time, Camera, Alarm, Motion & Video Loss |
| | Operation | Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc. |
| **Storage** | HDD | 1 x 3.5" SATA HDD    (Up to 12TB capacity for each HDD) |
| | Extension | Optional 1 eSATA connector |
| | Backup | USB 2.0 x 2 , Self playback for backup files |
| **Alarm** | Input | 4 contact (Low Active); support alarm inputs of IP-CAM |
| | Output | 1 Normally Open or Normally Closed relay outputs; support alarm outputs of IP-CAM |
| **Network Interface & Others:** | Incoming bandwidth: | Up to 80Mbps incoming bandwidth including live display |
| | Ethernet | 1 RJ-45 10M/100M Ethernet connector |
| | Push alarm/Line/Cloud | Push alarm & Line notification for portable device; Alarm recording to Google Cloud Drive |
| | Video | 1/4/9/16/25/36/49/64 split-window & SEQ mode for I.E and HEM; Dynamic electronics maps for HEM; N-Streaming live view |
| | Protocol | TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P |
| | Remote users | Up to 8 users simultaneously |
| | Remote | Support Windows 10/8/7, N-streaming live view, IE/Edge/Firefox/Chrome for DVR, App for Mac/iPhone/iPad/Android phone and Tablet PC |
| **Control / POS / GPS** | RS-232 | Optional 1 D-type male connector for PTZ, keyboard, POS, or GPS |
| | RS-485 | 2-pin for keyboard, POS and/or PTZ control |
| **Setup** | Local | On screen setup remote controller, USB mouse, and/or RS-485 keyboard controller |
| | Remote | Setup & upload via Windows/Mac/iPad/Android phone application software |
| **Reliability** | System recovery | Auto power on after power loss recovery; Watch Dog Timer |
| | Security | Multi-level password (4 levels, up to 18 accounts) protection for remote access |
| **Weights & Measures** | | 320(W) x 210(D) x 50(H)mm   ;   2.2 KG (without HDD) |
| **Power** | Source / Consumption | +12VDC, 5A   /   60W Max. <br> Install 1 HDDs than or equal to 3TB, requires the purchase of a higher amperage adapter. (Optional 8.33A or above) |
| **Operating Temperature** | | -20°C ~ 65°C |