

IQcamera

NVC4000 - 4 channel H.264 D1 Network Video Encoder - Video Analytics Included



NVC4000

The H.264 based IP Encoder, supporting 4 channels at 100/120 fps in all resolutions up to D1, provides UDP's Video Analytics as a standard feature.

- 4 channel H.264 D1 Network Video Encoder
- 4 channel Audio Input, 4 channel Audio Output
- H.264 100/120 FPS at D1
- Video Compression: H.264, MPEG-4, MJPEG
- Dual Stream
- Enhanced Deinterlacing on DSP
- Embedded Intelligent Video Analytics
- Burnt-in Text, Video Motion Detection Support
- USB 2.0 Support (Local storage, Wireless LAN)
- Remote Firmware Upgrade over Network
- Comprehensive SDK Support

| Specifications | |
|-------------------------|--------------------------------------|
| Video | |
| Input | 4 channel |
| Output | 1 channel |
| Compression Format | H.264, MPEG-4, MJPEG |
| Number of Streams | Dual Stream, Configurable |
| Resolution | D1, 4CIF, 2CIF, VGA, CIF, QVGA, QCIF |
| Compression FPS | 100/120 fps@D1 |
| Deinterlacing | Optional (on/off) |
| Motion Detection | Built-in (DSP) |
| Burnt-in Text (Digital) | Video stream overlay text (DSP) |
| Audio | |
| Input | 4 channel |
| Output | 4 channel |
| Compression Format | G.711 |

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| Function | |
|---|--|
| Digital Input | 4 |
| Digital Output | 4 |
| Serial Port | RS-232C, RS-485 |
| Network | 10 / 100 Base-T |
| Protocol | TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, SSL v2/v3, IEEE 802.1X, SSH, SNMP v2/v3 |
| USB 2.0 | A Plug (Local storage, Wireless LAN) |
| Electrical | |
| Power Source | 12V DC, DC Jack |
| Power Consumption (Approx) | 1,100 mA @ +12V |
| Environmental | |
| Operating Temperature | -20 °C ~ 60 °C (-4 °F ~ 140 °F) |
| Operating Humidity | Up to 85% RH, Non-condensing |
| Mechanical | |
| Dimension | 137(W) x 38(H) x 189(D) mm |
| Weight (Approx) | 780 g |
| Primary Intelligent Video Analytics (Included as Standard) | |
| High Performance | Advanced Tracking Algorithm, Low False Alarm Rate |
| Easy to Use | Intuitive Web Browser Interface |
| Detection Zones | Multi-segment Polygons and Lines |
| On-screen Display | Real-time Display of Tracking Data and Events |
| Camera Shake Cancellation | Improve the VCA performance with cameras that are prone to shake |
| Tamper Detection | Detect camera tampering |
| Advanced Intelligent Video Analytics (Option) | |
| Detection Behavior | Direction, Stopping, Loitering, Entering, Exiting, Appear, and Disappear Filters, Abandoned/Removed Object Detection, Tailgating Detection |
| 3D Behavior | Perspective Corrected Size and Speed Filters |
| Statistics | Counting Functions and Other Statistics |
| Meta Data | Plain XML Format |
| Image Stabilization (Option) | |
| Electronic Stabilization | Removes Camera Sway |