

4 channel H.264 D1 Network Video Encoder Blade Card

- 4 channel H.264 D1 Network Video Encoder
- 4 channel Audio Input, 1 channel Audio Output
- H.264 Full Frame at D1
- Video Compression : H.264, MPEG-4, MJPEG
- Dual Stream@D1
- Enhanced Deinterlacing on DSP
- Audio Compression: G.711
- RS-485 Support
- Embedded Intelligent Video Analytics
- Burnt-in Text, Video Motion Detection Support
- Comprehensive SDK Support



Specifications

Video		
Input	4 channel	
Compression Format	H.264, MPEG-4, MJPEG	
Number of Streams	Dual Stream, Configurable	
Resolution	D1, 4CIF, VGA, CIF, QVGA, QCIF	
Frame Rate	Full-frame@D1	
De-interlacing	Optional (On / Off)	
Motion Detection	Built-in (DSP)	
Burnt-in Text	Built-in (DSP)	
Audio		
Input	4 channel	
Output	1 channel	
Compression Format	G.711	
Function		
Digital Input	4	
Digital Output	2	
Serial Port	RS-232C, RS-485	
Network	10 / 100 Base-T	
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, SSL v2/v3, IEEE 802.1X, SSH, SNMP v2/v3	
Electrical		
Power Source	12V DC (From Power Supplier Unit)	
Power Consumption (Approx)	1,200 mA @ 12V DC	
Environmental		
Operating Temperature	-20 °C ~ 60 °C (-4 °F ~ 140 °F)	
Operating Humidity	Up to 85% RH, Non-condensing	
Mechanical		
Dimension	RE4000-R40	268(W) x 128(H) mm
	RE4000-R12	241(W) x 125(H) mm
Weight (Approx)	RE4000-R40	380 g
	RE4000-R12	370 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

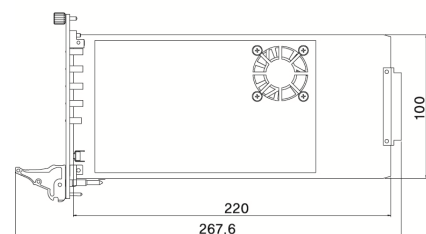
Image Stabilization (Option)

Electronic Stabilization	Removes Camera Sway
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Dimension

(Unit: mm)

NVC4000-R40



NVC4000-R12

