

# 4 channel D1 network video encoder



4 channel D1 H.264 Network Video Encoder Blade Card

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DS0091\_Issue 1

## SPECIFICATIONS

|                                                      |                                                                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| TDSi Part No.                                        | 5012-0338                                                                                                                                 |
| <b>Video</b>                                         |                                                                                                                                           |
| Input                                                | 4 channel                                                                                                                                 |
| Output                                               | Not Available                                                                                                                             |
| Compression Format                                   | H.264, MPEG-4, MJPEG                                                                                                                      |
| Number of Streams                                    | Dual Stream, Configurable                                                                                                                 |
| Resolution                                           | D1, 4CIF, VGA, CIF, QVGA, QCIF                                                                                                            |
| Compression FPS                                      | 100/120 fps@D1                                                                                                                            |
| Deinterlacing                                        | Support (DSP)                                                                                                                             |
| Motion Detection                                     | Support (DSP)                                                                                                                             |
| Burnt-in Text (Digital)                              | Support (DSP)                                                                                                                             |
| <b>Audio</b>                                         |                                                                                                                                           |
| Input                                                | 4 channel                                                                                                                                 |
| Output                                               | 1 channel                                                                                                                                 |
| Compression Format                                   | G.711                                                                                                                                     |
| <b>Function</b>                                      |                                                                                                                                           |
| Digital Input                                        | 4 channel                                                                                                                                 |
| Digital Output                                       | 2 channel                                                                                                                                 |
| RS-485/422                                           | Support                                                                                                                                   |
| RS-232C                                              | Support                                                                                                                                   |
| Network                                              | 10 / 100 Base-T                                                                                                                           |
| Protocol                                             | TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, SSL v2/v3, IEEE 802.1X, SSH |
| <b>Electrical</b>                                    |                                                                                                                                           |
| Power Source                                         | 12V DC (From Power Supplier Unit)                                                                                                         |
| Power over Ethernet                                  | Not Available                                                                                                                             |
| Power Consumption (Approx)                           | 1,200 mA @ +12V                                                                                                                           |
| <b>Environmental</b>                                 |                                                                                                                                           |
| Operating Temperature                                | 0°C ~ 60°C (32°F ~ 140°F)                                                                                                                 |
| Operating Humidity                                   | Up to 85% RH (Non-condensing)                                                                                                             |
| <b>Mechanical</b>                                    |                                                                                                                                           |
| Dimension NVC4000-R40                                | 268(W) x 128(H) mm                                                                                                                        |
| Dimension NVC4000-R12                                | 241(W) x 125(H) mm                                                                                                                        |
| Weight (Approx) NVC4000-R40                          | 380 g                                                                                                                                     |
| Weight (Approx) NVC4000-R12                          | 370 g                                                                                                                                     |
| <b>Video Content Analysis (Included as Standard)</b> |                                                                                                                                           |
| 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                                                                                             |
| <b>Video Content Analysis (Option)</b>               |                                                                                                                                           |
| Detection Behavior                                   | Direction, Stopping, Loitering, Entering, Exiting, Appear, and Disappear Filters                                                          |
| 3D Behavior                                          | Perspective Corrected Size and Speed Filters                                                                                              |
| Statistics                                           | Counting Functions and Other Statistics                                                                                                   |
| Meta Data                                            | Binary XML Format                                                                                                                         |
| <b>Image Stabilization (Option)</b>                  |                                                                                                                                           |
| Electronic Stabilization                             | Removes Camera Sway                                                                                                                       |

## FEATURES & BENEFITS

**4 channel H.264 D1 Network Video Encoder**

**4 channel Audio Input, 1 channel Audio Output**

**H.264 100/120 fps@D1**

**Video Compression: H.264, MPEG-4, MJPEG (Dual Stream@D1)**

**Deinterlacing on DSP**

**Audio Compression: G.711**

**RS-232C, RS-485 Support**

**USB 2.0 Support (External Storage)**

**Motion Detection**

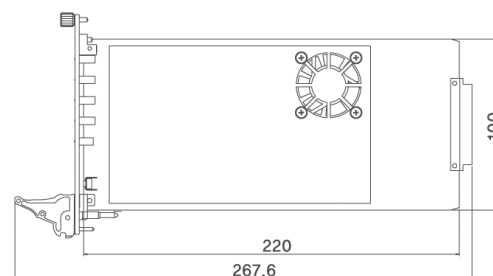
**Burnt-in Text**

**Built-in Video Contents Analysis**

**Providing only SDK, not Complete Application Software**

## ORDERING INFORMATION

**Part Number: 5012-0338**



**5012-0338 for use with 19" 4U enclosure (5012-0481)**



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