

## 1 Channel D1 Network Video Encoder (H.264)

- 1 Channel H.264 D1 Network Video Encoder
- Embedded VCA Technology Video Analytics
- Two-way Audio, Compression: G.711
- Dual Video Stream H.264 25/30 FPS@D1
- Motion Adaptive Deinterlacing on DSP
- RS-485 Support
- Burnt-in Text, Video Motion Detection Support
- MicroSD/SDHC memory card slot
- Comprehensive SDK Support
- Power over Ethernet (IEEE 802.3af)
- ONVIF Support



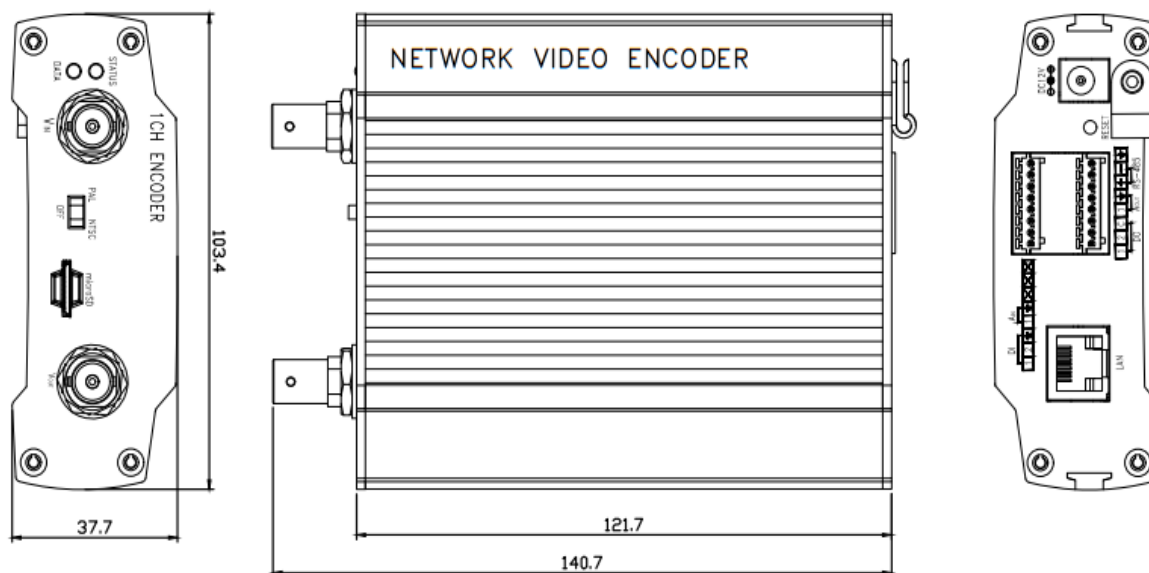
### Specifications

| Video                   |   |
|-------------------------|---|
| Input                   | 1 channel   |
| Output                  | 1 channel Loop Out  |
| Compression Format      | H.264, MJPEG Selectable per Stream  |
| Number of Streams       | Dual Stream, Independent Configurable   |
| Resolution              | D1, 4CIF, VGA, CIF, QCIF, QVGA  |
| Compression FPS         | 25/30 fps@D1 (PAL/NTSC)   |
| Deinterlacing           | Support (DSP)   |
| Motion Detection        | Max. 8 zones with independent configuration of detection sensitivity and target object size   |
| Burnt-in Text (Digital) | Time/Date/Name (Name up to 48 characters), flexible display position  |
| Privacy Mask Zones      | 4 flexible configurable regions   |
| Video Streaming         | <b>H.264:</b> Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR)<br><b>MJPEG:</b> Controllable frame rate and image resolution, JPEG quality |
| Image Settings          | Configurable brightness, contrast, saturation, sharpness, vertical flip & horizontal mirror function  |
| Audio                   |   |
| Input /Output           | Line-In: 0.178Vp-p, 10KΩ<br>Line-Out: 2.26Vp-p, 10KΩ  |
| Two-way Audio           | Supported   |
| Compression Format      | G.711   |
| Function                |   |
| Digital Input/Output    | 2x Alarm In - max 50mA@5VDC, TTL<br>2x Alarm Out - max 50mA@24VDC, TTL  |
| Serial Port             | RS-485  |
| Serial PTZ Protocol     | American Dynamics, Bosch (LTC856), CBC (OCP485), Convex, Elbex, JVC (JCBP), Kalatel (ASCII), Panasonic (CS850), Pelco-D, Pelco-P, Samsung, TBT (T-Pro)                              |
| Network                 | 10 / 100 Base-T   |
| Protocol                | QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1              |
| Micro SD Card Slot      | 1x Mirco SD/SDHC card slot (card not included)<br>(Recommend Class 6 and higher for recording)  |
| ONVIF                   | Version: 2.02 (Support Profile S)   |
| Approvals               | FCC, CE, KC, RoHs   |

| Electrical                                    |   |
|---|---|
| Power Source                                  | 12V DC (DC Jack)  |
| Power Consumption                             | [Approx] 3W @ 12V DC  |
| Power over Ethernet                           | Support (IEEE 802.3af)  |
| Environmental                                 |   |
| Operating Temperature                         | 0°C ~ 50°C (32°F ~ 122°F)   |
| Operating Humidity                            | Up to 85% RH (Non-condensing)   |
| Mechanical                                    |   |
| Aluminum Die-Casting                          | Aluminum Die-Casting  |
| Dimension                                     | 103(W) x 38(H) x 141(D) mm  |
| Color   | Dark Gray   |
| Weight (Approx)                               | 430 g   |
| Video Content Analysis (Included as Standard) |   |
| High Performance                              | Advanced tracking algorithm and low false alarm rate  |
| Easy to Use                                   | Intuitive web browser interface   |
| Detection Zones and Rules                     | Up to 40 zones (multi-segment polygons and lines) 60 VCA filter rules in total  |
| On-screen Display                             | Real-time display of tracking data and events via activeX plug-in in IE browser   |
| Burnt in Annotation                           | Allows the VCA annotation to be burnt into the raw video stream for displaying on third party application   |
| Tamper Detection                              | Recognize camera tampering via VCA detection (defocusing, lens covering, camera moving)   |
| Event Actions                                 | Notification service via TCP/IP, HTTP, multicast or email text messages with snapshot, DO-contact, file upload on external FTP server, local SD memory card recording   |
| Video Content Analysis (Option)               |   |
| Available License                             | VCA detectIP, VCAcountIP, VCAsurveillanceIP, VCAadvancedIP, VCAprofessionalIP   |
| VCA Detection Filters                         | Enter, Exit, Appear, Disappear, Stop, Direction, Dwell, Speed, Tailgating, Object Classification,   |
| VCA Features                                  | <ul style="list-style-type: none"> <li>- Up to 20 Onscreen Counter Displays</li> <li>- Counting-Line for accuracy people and vehicle counting with local database and reporting</li> <li>- VCA Event Metadata Streaming (RTSP/RTP)</li> <li>- VCA calibration via 3D tools for right object size detection</li> <li>- Object classification allow to design different Object classes to include or exclude in VCA detection rule</li> </ul> |
| Info VCA                                      | Details regarding supported VCA filters and features of the different extension licenses find on 'Filter Matrix VCA License' document   |

# RE1100-OV

## Dimensions



(Unit: mm)