

## Technical Specifications

# 4 channel D1 Network Video Encoder

- 4 channel Network Video Encoder
- Two-way Audio
- H.264 Full Frame at D1
- RS-485 Support
- Embedded VCA Technology Video Analytics(optional)
- MicroSD/SDHC memory card slot
- ONVIF



VIDEO	
Video In	4CH
Video Out	-
Compression	H.264, MJPEG Selectable per Stream
Number of Streams	Dual stream, Configurable
Resolution	D1, 4CIF, VGA, CIF, QCIF, QVGA
Compression FPS/CH	25/30fps @ D1 (PAL/NTSC)
De-interlacing	Supported
Motion Detection	Supported
Burnt-in Text	Supported

AUDIO	
Input / Output	4 / 1 CH
Compression	G.711
Two-way Audio	Supported

FUNCTIONS	
Network	10/100 Base-T
No. of IP Address	4
No. of Ethernet Port	1
Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1, SRTP, RTMP
ONVIF	Supported
VCA	Supported
DI / DO	4 / 4 Ch
RS-485	Supported(4port)
Power Source	DC/12V
microSD	Supported (4port – Optional)

ELECTRICAL	
Power Source	12V DC
Power Over Ethernet	-
Power Consumption (Approx.)	8.8W @ DC 12V

OPERATING ENVIRONMENT	
Temperature	0°C ~ 50°C
Humidity	Humidity up to 85% RH (non-condensing)

MECHANICAL	
Material	Aluminum Die-Casting
Dimensions	137(W) x 38(H) x 243(D) mm
Color	Dark Gray
Weight	920g

VIDEO ANALYTICS	
Analytics Engine	VCA Technology's advanced tracking algorithm with rich library of detection behaviors
Detection Zones and Rules	40 zones (Multi-segment Polygons and Lines) in total 60 rules in total
Tamper Detection	Supported
Camera Shake Cancellation	-
Auto Tracking	-
VCA Preset	-
Detection Behavior	Enter, Exit, Appear, Disappear, Stop, Direction, Dwell, Tailgating, Color filter
Logical Rules	Extends standard rules to allow various combinations of the inputs
3D Behavior	Perspective Corrected Size and Speed Filters
Object Classification	Configured Max./Min. object sizes and Max./Min. speeds
People Tracking	Tracks individuals separately among overlapped multiple people
Counting Line	High accuracy people and vehicle counting
Counting	20 counters in total
Counter Report	Generates counter reports based on the counter database
Heatmap Report	Shows relative crowd density of the 24 hour period (criterion: midnight)
Meta Data	Plain XML Format

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### Dimensions

(Unit:mm)

