

RE 4000



... more than standard

4 channel H.264 D1 Network Video Encoder

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

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



Intelligent Video Analytics included

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
Frame Rate	Full-frame@D1
Deinterlacing	Optional (On / Off)
Motion Detection	Built-in (DSP)
Burnt-in Text	Video stream overlay text (DSP)
Audio	
Input	4 channel
Output	4 channel
Compression Format	G.711
Function	
Digital Input	4
Digital Output	4
Serial Port	RS-232C, RS-485 (one interface)
Network	10 / 100 Base-T
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTP, RTP/UDP, RTP/TCP, SNMP, mDNS, UPnP, SMTP, IGMP, DHCP, FTP, DDNS, SSL v2/v3, IEEE 802.1X, SNMP v2/v3
USB 2.0	A Plug (support first video channel only)
Electrical	
Power Source	12V DC (DC Jack)
Power Consumption (Approx)	1,100 mA @ 12V DC
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

Dimension

(Unit: mm)

