



Product Datasheet

Part Code: 10-500-001-02

4 Channel D1 Network Video Encoder (H.264)

Key Features

- Embedded Intelligent Video Analytics
- 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
- Burnt-in Text, Video Motion Detection Support
- Remote Firmware Upgrade over Network
- Comprehensive SDK Support



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 at D1
	Deinterlacing	Optional (On / Off)
	Motion Detection	Built-in (DSP)
	Burnt-in Text (Digital)	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, SOCK, IGMP, DHCP, DDNS, SSL v2/v3, IEEE 802.1X, SSH, SNMP v2/v3
	USB 2.0	A Plug (support first video channel only)



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Electrical	Power Source	12V DC (DC Jack)
	Power Consumption (Approx)	1,100 mA @ 12V
Environment	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 Video Content Analysis (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
Advanced Video Content Analysis (Option)	Tamper Detection	Detect camera tampering
	Detection Behavior	Direction, Stopping, Loitering, Entering, Exiting, Appear and Disappear Filters, Abandoned/Removed Object Detection, Tailgating Detection, Smoke and Fire Detection, Colour Filter
	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