Req# 950-991111
Snap# 1418860

SPECIFICATIONS

Decoder VCX-6400 Series

Inputs & Outputs

Video	S-Video, RGB, DVI, Composite Video
1NTSC (EIA RS170)	1 volt p-p 75Ω 60Hz or 1 PAL (CCIR 624) 1 volt p-p 75Ω 50 Hz
Data	1 RS 232/422/485 (Selectable)
Audio*	S/PDIF, 5.1 Dolby

Video Parameters

Compression	MPEG-1, MPEG-2, MPEG-4 (SP &ASP), H.264 (HD*), WM-9*, JPEG Decoding	
Resolution	NTSC	PAL
D1 (4CIF)	720x480	720x576
2/3 D1	480x480	480x576
½ D1	352x480	352x576
SIF	352x240	352x288
HD*	480p, 480i, 720p, 1080i	
Frame Rate	1-30 FPS	
Connectors	BNC	

Data Parameters

Format	RS-232/422
Handshaking	Software Selectable
Data Rate	Up to 38.4 Kbps
Connectors	RJ-45

Programming Port

Format	RS-232
Handshaking	RJ-45

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Indicator Parameters
2-Line Scrolling Display

Network Parameters

Data Rate	1 Mbps to 6 Mbps
Ethernet	RJ-45
Interface	10/100 Base-T
	IEEE 802.3 Static or DHCP
Protocols	UDP, IP (v4), IGMP (v.2) Multicast

Environmental

Temperature	-20◦C to +70◦C
Humidity	0 to 95% Non-Condensing

Power

Voltage	95-130 VAC, 200-240 VAC
Current	58mA@120 VAC

Mechanical

Dimensions	8 ½"W x 1.75"W x 12"D
	1 RU High
Weight	5 lbs., 2 oz.

Regulatory Approvals

North America	FCC Title 47, Subpart B, Section 15, Class A

Ordering Information

VCX-6400-D	Universal Decoder Stand Alone 2 Data Sub-Channels
PCA-2000	Programming Cable
-A	Stereo Audio Option
SW-6400	WatchDog MPEG-4 Viewer & Control Software

*Not currently enabled

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SPECIFICATIONS

Field Hardened MPEG2/4/JPEG
Digital Video Encoder

Inputs & Outputs

Video	1 or 2 NTSC (EAI RS170) 1 volt p-p 75Ω 60Hz or 1 or 2 PAL (CCIR 624) 1 volt p-p 75Ω 50Hz
Data	2 RS 232/422/485

Video Parameters

Compression	MPEG2, MPEG4 (SP&ASP) JPEG Frame Grabber

MPEG-4 Resolution	NTSC	PAL
D1 (4CIF)	720x480	720x576
½ D1	352x480	352x576
SIF	352x240	352x288
QSIF	176x120	176x144

MPEG-2 Resolution		
D1 (4CIF)	720x480	720x576
2/3 D1	480x480	480x576
½ D1	352x480	352x576
SIF	352x240	176x288

Frame Rate	1 -30 FPS
Connectors	BNC

Can be configured as a 2/4/J, 4/4, 4/J or 2J

Stream Type
MPEG2 (Program, Elementary, Transport)
MPEG4 (Elementary RTP)

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Data Parameters

Format	RS-232/422/485
Handshaking	Software Selectable
Data Rate	Up to 115.2 Kbps
Connectors	RJ-45
Network	UDP or TCP

Programming & Diagnostic

Front Programming Port (RS232)
Web Interface
SNMP(v.2)
Telnet
Watchdog (Media Management) System

Indicator Parameters

2-Line Scrolling Display
Video Loss LED
SubChannel LED Activity (TX/RX)

Power

Voltage	95-130 VAC, 200-240 VAC
Current Draw	58mA@120 VAC (Stand Alone Unit) 400mA@12 VDC (Rack Mount Card)

Environmental

NEMA TX-2 2003, Section 2

Temperature	-34◦C to +74◦C
Humidity	0 to 95% Non-Condensing

*Conformal Coating Available Upon Request
Passes Shock, Vibration & Transients

Network Parameters

Data Rate	1 to 6 Mbps*for MPEG2 56 Kbps to 3.5 Mbps*for MPEG4
Ethernet	RJ-45
Interface	10/100 Base-T
Protocols	IEEE 802.3 Static or DHCP UDP, IP (v4), IGMP (v.2) Multicast
Multicast IP	Unique for MPEG2 Unique for MPEG4

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Mechanical

Field Unit Dimensions (1RU High):

Full Size:	19"W x 1.75"H x 12"D
Half Size:	8.5"W x 1.75"H x 12"D

*Combined bit rate limited to 6 Mbps