

UNIVERSAL Ethernet (IP) VIDEO DECODER

FEATURES AND BENEFITS

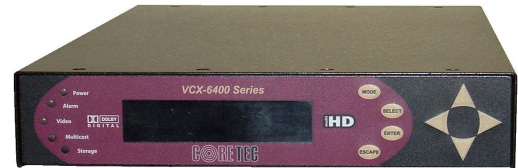
MPEG-1, MPEG-2, MPEG-4 (SP& ASP), H.264 (to HD*), WM-9* and JPEG Decoding

- Hardware and/or Software Decoding
- Low Speed data channel (RS-232/422/485) up to 115.2 Kbps
- 10/100 Mps Interface
- 16 Kbps – 15 Mbps Data Rate
- Provides Full Motion Video (30fps) up to Broadcast Quality
- Extended Temperature Range (-20°C to +70°C) standard
- 1RU ½ 19" Rack Mount Package
- 110/220 VAC Power
- Optional Digital Front Panel Display provides a scrolling list of key parameters
- Diagnostics and Programming via back panel programming port or remotely via Watchdog (SW-2400), Hyper Terminal or Telnet

APPLICATIONS

Intelligent Transportation Systems
 Mass Transit
 Remote Surveillance
 Remote Broadcast
 Networked Video

VCX-6400
 Rack Mountable Half Size Decoder
 (8.5"Wx1.75"Wx12"D)



VCX-6400-D Front View

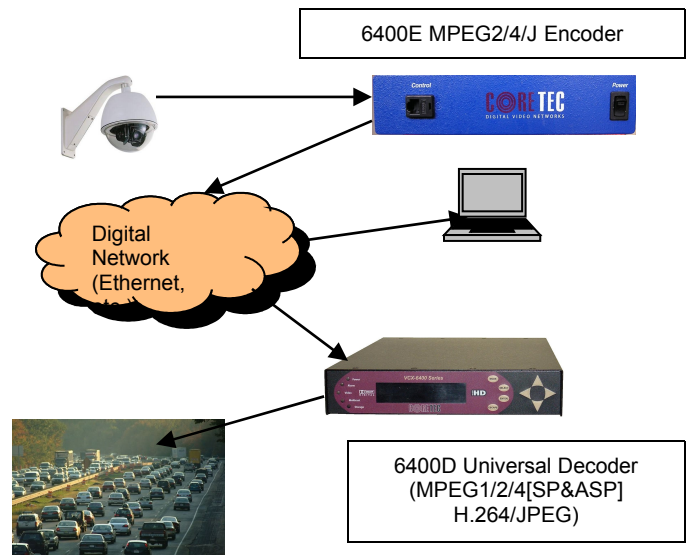


VCX-6400-D Rear View

Card Cage Model for R12 Rack



TYPICAL CONFIGURATION



INPUTS & OUTPUTS

Video S-Video, RGB, DVI,
Composite Video
1 NTSC (EIA RS170)
1 PAL (CCIR 624)
Both
1 volt p-p 75Ω 50Hz

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
1/2 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

INDICATOR PARAMETERS

2-Line Scrolling Display

*Not currently enabled

NETWORK PARAMETERS

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

ENVIRONMENTAL

Temperature -20°C to +70°C
Humidity 0 to 95% Non-Condensing
*Conformal Coating Available Upon Request

POWER

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

PHYSICAL

Dimensions:
Stand Alone 8½"W x 1.75"W (1RU) x 12"D
Weight 5lbs., 2oz.
Card: 5.2" W x 0.9"H x 10.2"D

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