



# Clearview+™

## 24 Channel HD Transcoder

### Key Features

- Accepts up to 24 HD or SD programs in 1RU
- Accepts IP video transport in MPEG-2, H.264, or H.265
- Dolby® Digital Audio capability
- Superior Transcoding quality at low bit rates



### Product Overview

The **Clearview+™** is a professional grade video and audio Transcoder in a 1RU form factor, designed to accept up to 24 HD or SD programs simultaneously, using up to 1Gb of data throughput. The unit can accept IP video transport streams in MPEG-2, H.264, or H.265 and output these streams to any combination of MPEG-2, H.264, and H.265 formats. Product features include transrating capability of specific video bit rates and specific video resolutions.

The Clearview+ hardware-based video compression technology provides superior Transcoding quality at low bit rates, perfect for Live Linear Broadcasting. The Clearview+ was designed to support a wide range of video and audio inputs and outputs, including Dolby® Digital audio encoding.

### Ordering Information

<u>Model</u>	<u>Stock #</u>	<u>Description</u>
Clearview+	6557 1	24 Channel HD Transcoder



# Clearview+™ 24 Channel HD Transcoder

Input		Output	
Connectors:	1x Bi-directional Front Panel RJ45 (IP Video Port, Input/Output) 1x Bi-directional Front Panel RJ45 (Control Interface)	Connector:	1x Bi-directional Front Panel RJ45 (IP Video Port, Input/Output)
Standard:	1000Base-T (GbE)	Standard:	1000Base-T (GbE)
Protocols Supported:	UDP	Protocols Supported:	UDP
<b>Stream Protocols</b>		<b>Stream Protocols</b>	
Standard:	ISO/IEC 13818-1 Systems	Standard:	ISO/IEC 13818-1 Systems
TS Packet Length:	188 bytes	TS Packet Length:	188 bytes
Sync Byte:	0x47	Sync Byte:	0x47
TS Supported:	24 SPTS	Encoding Type:	CBR/Capped VBR
Video Format:	MPEG-2, H.264 (AVC); H.265 (HEVC)	Video Bit Rates:	2-19 Mbps (0.1 Mbps increments)
Video Resolution:	480i (60 FPS); 480p (30/60 FPS); 720p (30/60 FPS); 1080i (60 FPS); 1080p (30 FPS)	TS Supported:	24 SPTS
Closed Captioning:	EIA608/EIA708	Video Format:	MPEG-2, H.264 (AVC); H.265 (HEVC)
Addressing:	Unicast	Video Resolution:	480i (60 FPS); 480p (30/60 FPS); 720p (30/60 FPS); 1080i (60 FPS); 1080p (30 FPS)
Audio Input Formats:	Dolby® AC3, AAC, MPEG1-Layer2 (Pass-through/Decode only), MP3	Closed Captioning:	EIA608/EIA708
SAP:	Supported	Addressing:	Unicast
Audio Rates:	64, 96, 112, 128, 160, 192, 224, 256, 320, and 384 Kbps	Audio Output Formats:	Dolby® AC3, AAC, MP3 (MPEG1-Layer2 Pass-through only)
		SAP:	Supported
		Audio Bit Rates:	128, 192, and 256 Kbps

## Alarms & Monitoring

Local Monitoring:	1x Power LED 1x Temperature LED 24x Status LEDs
Local Control:	1x IP Reset Button
Remote Control:	1x RJ45 (1000Base-T GbE)

## General Specifications

Dimensions:	19.0 x 19.2 x 1.75" (483 x 488 x 45 mm)
Unit Weight:	9.5 lbs (4.31 kg)
Shipping Weight:	12 lbs (5.44 kg)
Power:	110/230 VAC, 0.9/0.45 A, 60/50 Hz
Power Consumption:	64 W
Operating Temperature:	32 to 122 °F (0 to 50 °C)
Storage Temperature:	-13 to 158 °F (-25 to 70 °C)
Operating/Storage Humidity:	0 to 95% RH @ 35 °C max, non-condensation

## Application Diagrams

