Restaurants, Pubs, & Bars

Health & Fitness Clubs

Corporate

ZvPro800-EU

HD Digital Encoder / Modulator

Smaller Deployment, Reduced Footprint for Distributing HD Video and Digital Signage

Superior Video Quality

- Full MPEG2 implementation
- I, P, and B Frames
- Low latency
- Full motion estimation with a wide search range

High Reliability

- Low-stress power system
- Full system instrumentation and monitoring
- Official international regulatory approval
- Forced air cooling for thermal control
- 5 Year Warranty

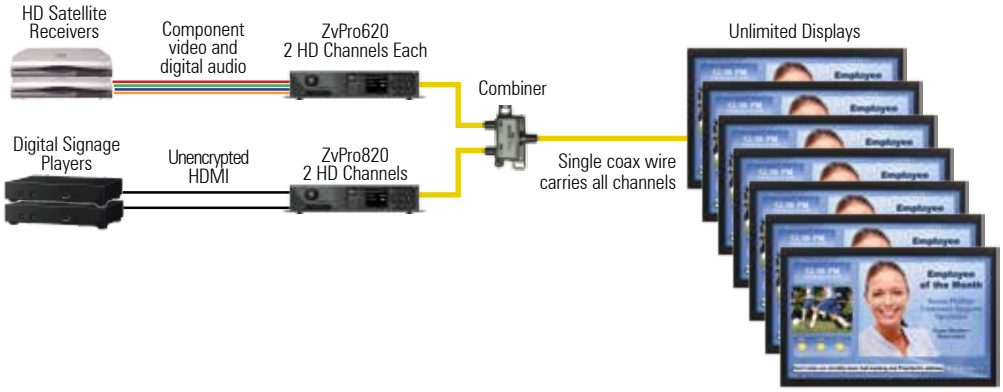
Extensible Architecture

- Easy downloadable firmware updates
- Future enhancements provided regularly
- Emergency Alert System (EAS)
- Bonus information channel for use with video loops

Ease of Management

- Powerful, highly intuitive web interface for instrumentation and control
- On-site or remote management
- Single session configures and manages all connected units
- Front Panel Display for on-site status and management at a glance
- Robust features like bonus information channel and delay-matched audio

A Clean Deployment



Easy Setup

Simple Installation

Quick Rollout

It's Done.

BOSTON | DENVER | LONDON

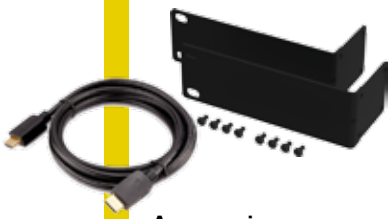
zeevee.com

ZvPro800-EU

HD Digital Encoder / Modulator

ZvPro800 Rear Detail

ZvPro800 Front Detail



Accessories

Rackmount kit and HDMI cables are sold separately.

GENERAL	
Model Name	ZvPro Series, ZvPro820 | ZvPro810
Part Number	ZvPro820-EU | ZvPro810-EU
Power	100-240 VAC 50/60 Hz, 36W max. 18W typical IEC 60320-C14
Cooling	Internal cooling fan, front inlet, rear exhaust
Temperature/Humidity	Operating 0 C⁰ to +45 C⁰ (+32 F⁰ to +113 F⁰) / 10% to 80%, non-condensing
Vibration	NSTA 1A in carton
MTBF	62,000 hours
Compliance	FCC Class A, IEC60065, EN61000 (see Manual #70-00048), CE, RoHS
Enclosure Type	Metal
Mounting	Shelf mount flange or rack ears (ordered separately), 1 RU high
Enclosure Dimensions	20.32 cm (H) x 25.4 cm (W) x 4.445 cm (H) 8 in. (H) x 10 in. (W) x 1.75 in. (H)
System Weight	1.4 kg (3.1 lbs.)
Carton Dimensions (individual)	6.985 cm (H) 35.56 cm (W) x 30.48 cm (D) 2.75 in. (H) 14 in. x (W) 12 in. (D)
Shipping Weight	2.3 kg (5 lbs.)
Warranty	5 years
VIDEO INPUT	
Unencrypted HDMI x2 or x1	One (1) or two (2) ports per model up to 1080 HDMI 1.3 compliant. Backwards compatible to DVI 1.0 specifications
Closed Caption	EIA/CEA-608 captions accepted over composite video input
Extra Digital Channel	MPEG2 program stream file, up to 200 MB
AUDIO INPUT	
Digital Audio and Stereo Analog	Digital as element of HDMI 1.3 port or 3.5 mm stereo female, line level input per channel
VIDEO ENCODER	
Encoder Video Profile	MPEG2 HD: ISO13818-2 MainProfile@HighLevel
Traffic Shaping	Variable Bit Rate
Video Encoding Data Rates	Variable, 10 Mbs - 24 Mbs per channel
Average Encoding Data Rate	18 Mbs per channel
Encoding Latency	Programmable 200 msec to 400 msec
Color Profile	4:2:0
GOP Size	15
Video, Audio PID	Programmable starting value
Program Information	Programmable program name, EIT
AUDIO ENCODER	
Encoder Audio Profile	ATSC A/52,MPEG-1 Audio Layer 2
MODULATOR / UPCONVERTER	
Modulation Types	DVB-T, DVB-C (ITU-T J83 Annex A) (varies by region)
Cable Standard	User defined (varies by region), CCIR
Frequency Range	Single or one paired, frequency agile CCIR channels 21-79 • 57 MHz-900 MHz resolution • +/- 30 ppm accuracy • +/- 35 ppm stability
Output Power	+45 dBmV typical
Output Level Adjust	25 - 45 dBmV in 1dBmV steps
MER	> 38 dB typical
I/Q Amplitude Imbalance	< 1% typical
Spectral Tilt	</= 1 dB over 8 MHz typical
CONTROL SET-UP	
Network Interface	10/100 Mb Ethernet via RJ45 connection IP address via DHCP or set by user HTML/Javascript served web interface for easy configuration Telnet connection for CLI scripting Easy firmware updates All settings saved in NV storage
Front Panel Color Display	Quickly obtain status at a glance, basic configurations, software revisions and updates

EMEA Sales
+44 1494 956677
EMEAsales@zeevee.com

International Sales
+1.347.851.7364
intl-sales@zeevee.com

North America Sales
+1.347.851.7364
sales@zeevee.com

BOSTON | DENVER | LONDON