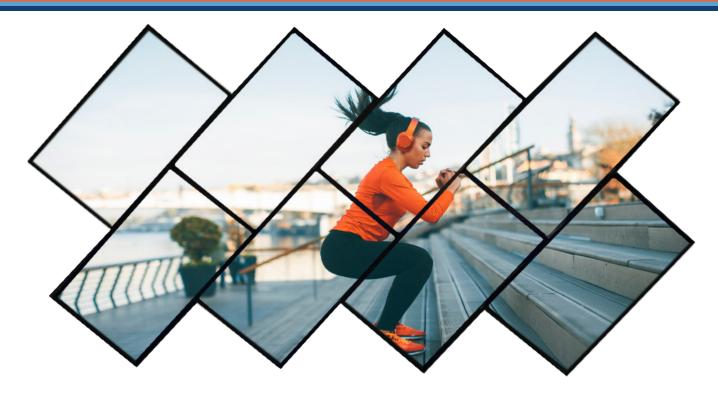
3G ULTRA Warp Engine Transmitter

Just Add **BPower**

VBS-HDIP-737P0E



Viewing Video from a Different Angle

The 3G Ultra Warp Engine Transmitter rotates any video signal in 0.1° degree increments.

A single Warp Engine Transmitter can build a full Artistic Video Wall with displays rotated at any angle and the ability to show any source in the system!

The Warp Engine Transmitter is fully compatible with all 3G Ultra installations. Add a single Warp Engine to provide rotation to all displays. Multiple Warp Engines can be combined to produce more complex Artistic Video Walls.

Features

Artistic Video Wall	Create, build and watch your new video wall come to life with the ability to rotate your displays up to 360 degrees.	Scalabilit

Image Pull

Provides a more powerful user
experience giving the control system the
capability of displaying a preview image
inside the user interface

Scalability	Fully compatible with all 3G Ultr
•	Droduoto

Video Rotation	Rotate any HDMI source in a Just Add Power matrix in 0.1° degree increments	
	Rotate your video up to 360° degrees	
	Any video input from 3G system	
	New, rotated video output	

3G ULTRA Warp Engine Transmitter



VBS-HDIP-737P0E

Front of Device:



All measurements in millimeters (mm)

Back of Device:



All measurements in millimeters (mm)

Specifications

Bandwidth	Up to 600 Mbps	POE	20 watts maximum
Compliance	HDCP 2.2 & RoHS/FCC/CE	Ports	2 x Gigabit Ethernet
Dimensions & Weight	220x44.5x124m/8.66x1.75x4.88inch (19-inch rack, 1 RU with wings) 0.64 kg / 1.4 lb	Power Supply (not included)	DC12V, 2A minimum 5.5mm/2.1mm, Positive tip
Encryption	AES-128 Encryption	Supported Video & Audio	Up to 4096x2160 Uncompressed multi-channel audio
Operating Temp	0-60 °C / 32-140 °F		

3G ULTRA Product Line Specifications



Specifications

Encoding/Decoding

Video Codec AGIC-G1 Proprietary Visually

Lossless Video Codec

Audio Codec Proprietary I2S Lossless Audio Codec

Bit Rates 300 to 850 Mbps

Latency Ultra-low latency

16ms @ 1080p60 & 720p60

33ms @ 4K30

Streaming Protocols IP, UDP, TCP, ICMP, IGMP

Copy Protection HDCP 2.2, AES-128 Encryption

Video

Maximum High Dynamic Range HDR10

Resolutions 4K30 4:4:4 HDR 8-bit 4K30 4:2:0 HDR 12-bit

1080p60 4:4:4 HDR 12-bit

Input Signal Types HDMI

(Encoder)

Output Signal Types HDMI

Scaler (Decoder) 720p up to 4K30 with many options

inbetween

Audio

Input Signal Types HDMI, Analog Stereo

Output Signal Types HDMI, Analog Stereo

Dolby Atmos, DTS:X, Dolby TrueHD,

DTS-HD, Dolby Digital, Dolby Pro Logic, DTS, LPCM up to 8 channels

Analog Formats Stereo 2-channel up to 96 kHz

Power

Power Consumption 10 watts maximum during operation

0 watts when idle

Compliance

CE, FCC, RoHS

Communication & Control of External Devices

Ethernet 1Gb RJ-45 for control and AV

USB 2.0

Serial/RS-232 Bi-directional control and monitoring

HDMI CEC, EDID (Transmitter)
Infrared (IR) Available with add-on

Connectors

LAN 8-pin female RJ-45 1000Base-T

POE (802.3af)

HDMI Type A female

HDMI Input HDMI Type A female

HDMI Outputs (Transmitter loopout &

(Transmitter loopout & Receiver output)

RS232 3.5mm female

Stereo Output 3.5mm female

USB (Receiver) USB Type-A female (x2)

USB (Transmitter) Micro-USB female (x1)

Environmental

Cooling Convection / no fan (no moving parts)

Temperature 0-60 C / 32-140 F

Heat Dissipation 34 BTU/hr
Acoustic Noise 0 dBA