# Make the most of your visual space

CORIO®view®

# The 4K multi-window viewer redefined



# **OVERVIEW**

CORIO**view** is the fastest, most intuitive 4K multi-window processor with up to 8 sources. This easy to use, plug and play solution features front panel control for preset recall or source selection. With six (6) product variants CORIO**view** can take in almost any input type and display it on a HDMI display up to 4K. Input types include: IP, HDMI, DVI-U and SDI

### **Preset Layouts**

CORIO**view** has 16 different preset layouts giving users the ultimate freedom for displaying any number of sources in different sizes and locations on the display.

#### Transitions

When selecting window layouts or switching sources; transitions, such as fade through black or eye-catching motion transitions, provide a unique visual experience.

#### Labels & Borders

Sources can be labelled making them easily identified. Borders can be added to labels and video windows.

#### Front panel control

CORIOview's front panel is minimalist in its design and is easy to use. Users can activate preset layouts, route video and audio using the front panel. The Info button, a first in the AV industry, is an instant source of information displaying current source and window assignments.

# Format conversion

CORIOview offers Up/Down/Cross conversion for the full range of analog and digital video signals using high quality CORIO scaling engines.

MWP-4H-1Y	4 x 1080p HDMI
MWP-8H-1Y	8 x 1080p HDMI
MWP-4Y-1Y	4 x UHD 4K HDMI
MWP-4D-1Y	4 x DVI-U
MWP-8GS-1Y	8 x 3G-SDI
MWP-4Hi-1Y	4 x 1080p HDMI & 2 x Streaming media & 4K playback

#### **Control Options**

**CORIO**grapher is tvONE's intuitive control software for configuration and operation of your CORIOview. Optimized for multi-window operations and touch screen control, **CORIO**grapher functionality includes selecting preset layouts, labelling, bordering and configuring sources. Other options include a real-time API together with AMX & Crestron plug-ins.

## Audio Embedding / De-embedding

Audio can be output through the display or the integrated S/PDIF port with any input able to be routed to any output.

# **Ultra-Quiet Operation**

CORIO**view** is perfect for your in room install with its whisper quiet operation.

#### **Mounting Options**

A 1RU mounting kit is available for both single and dual units as well as a surface mount option for mounting on tables or walls. Or choose to install in your ONErack system with our customized CORIOview module.

# **KEY FEATURES**

- Advanced 4K processor with up to 8 sources
- ½ RU form factor with ultra-quiet operation
- Intuitive Front Panel Control for presets and switching
- Mixed Input types including: IP, HDMI, DVI-U & SDI
- HDCP Handling on HDMI Inputs & Outputs
- Custom resolution editor for LED walls
- Eye-catching transitions or fade through black
- Source labelling and Borders
- Info button to easily indicate your source selection
- Audio breakaway from S/PDIF or display
- CORIOgrapher touch enabled control software
- Third party control through API or AMX & Crestron plug-ins
- Available in six (6) variants
- 19" rack, surface or ONErack mounting options

# **SPECIFICATIONS**

Video Processir	ng	COPIO®2
Technology		CORIO®3
Performance Format conversion	,	Inputs up to 4K60 & Output up to 4K30 Up/Down/Cross Conversion
Max. number of W	indows	8
Windows		
Windows		Up to eight windows*
Borders		Configurable color & thickness
Labels		Available on all windows
Transitions		Available when changing sources or Presets
Presets		
Number of presets		
Accessible from fro	ont panel	16*
Preset effects		Transitions, fade through black or window movement
Configuration &	Control	
Application		CORIOgrapher software
Platform		PC with Windows 10 & Windows 7 minimum
Standby Mode		Faster boot up & saves power
Control Ports		
RS-232		D9 Female Connector
P Interface		RJ45 Connector
USB		Type B - for future use
Video Inputs		
4H-1Y		
Input connectors		4 x HDMI - HDMI 1.4 & HDCP 1.4 compatibility
Resolution support	t (4:4:4)	480i, 576i - 24Hz to 60Hz
	,	720p (1280x720) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
		1035i (1920x1035) - 59.94, 60Hz
		HDMI-4in - 1080i 50, 59.94, 60Hz
		1080p (1920x1080) -23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
Color format suppo	ort	RGB, YCbCr 4:4:4, 4:2:2 & 4:2:0
Color depth	-	8 bpc (24 bit/px)
Color space suppo	ort	BT.601 on standard resolutions
- Fara sabbe	-	BT.709 for 720p, 1080i, 1080p
8H-1Y		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Input connectors		8 x HDMI - HDMI 1.4 & HDCP 1.4 compatibility
Resolution support	t (4·4·4)	480i, 576i, 24Hz to 60Hz
	· (¬.¬.¬)	720p (1280x720) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
		1035i (1920x1035) - 59.94, 60Hz
		1080i (1920x1080) - 50, 59.94, 60Hz
		1080p (1920x1080) - 30, 59.94, 60Hz
Color format suppo	ort	RGB, YCbCr 4:4:4, 4:2:2 & 4:2:0
Color depth		8 bpc (24 bit/px)
Color deptit Color space suppo	ort	BT.601 on standard resolutions
_ s.c. space suppl		BT.709 for 720p, 1080i, 1080p
4Y-1Y		
Input connectors		4 x HDMI - HDMI 1.4 & HDCP 1.4 compatibility
Input maximum ca	pability	Up to 2x 4K@30, 1x 4K@60 per module (2 modules)
Resolution support		480i, 576i, 24 to 60Hz
	- (	720p (1280x720) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
		1035i (1920x1035) - 59.94, 60Hz
		1080i (1920x1080) - 50, 59.94, 60Hz
		1080p (1920x1080) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
		2160p (3840 x 2160) - 23.98 24, 25, 29.97 & 30Hz
		2160p (4096x2160) - 50/59.94/60Hz
Resolution support	t (4·2·0)	2160p (3840 x 2160) - 50, 59.94, 60Hz
Color format suppor		RGB, YCbCr 4:4:4, 4:2:2 & 4:2:0
	OIL	1
Color depth	ort	8 bpc (24 bit/px) BT.601 on standard resolutions
Color space suppo	J1 L	BT.709 for 720p, 1080i, 1080p and 2160p
000 11/		21.700 IOI 720P, 1000I, 1000P and 2100P
8GS-1Y		Q., DNC
Input connectors		8 x BNC
	3G-SDI	1080p 60/59.94 SMPTE424M-A 2.97/2.967Gbps < 0.3 UI jitter
	HD-SDI	720p, 1035i, 1080i (reduced quality with this because quad
		input is 4:2:0), 1080p SMPTE292M 1.485/1.4835Gbps < 0.2
		UI jitter
S	SD-SDI	(526/625 lines) SMPTE259M-C 270Mbps < 0.1Ul jitter
Color format suppo	ort	SDI 4:2:2
Color depth		20 bit
4D-1Y		
nput connectors		on DVI-U connector - HDMI 1.4 & HDCP 1.4 compatibility
		HDMI, DVI-I, YC, CV, VGA via optional adapters
Resolution support		80i, 576i - 23.98, 24, 25, 29.97, 30Hz, 50, 59.94, 60Hz
		20p (1280x720) - 50, 59.94, 60Hz
		20b (1280x720) - 50, 59.94, 60Hz
		080i (1920x1080) - 50, 59.94, 60Hz
Analas C: :		080p (1920x1080) -23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
Analog Sync		TL Level, 10KΩ, Pos or Neg
RGB Level Range		0.5-2.0 Vp-p
Scan Rate Detection		Automatic
Max Horizontal Sca		
Color format suppo		Digital - RGB, YCbCr 4:4:4 & 4:2:2
		Analog - RGBHV, RGBS, RGsB, YPbPr
Color depth		B bpc (24 bit/px)
	ort E	BT.601 on standard resolutions
Color space suppo		
Color space support	E	8T.709 for 720p, 1080i, 1080p NTSC, PAL

4Hi-1Y HDMI module	
nput connectors	4 x HDMI - HDMI 1.4 & HDCP 1.4 compatibility
Resolution support (4:4:4)	480i, 576i - 24Hz to 60Hz
,	720p (1280x720) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
	1035i (1920x1035) - 59.94, 60Hz
	1080i (1920x1080) - 50, 59.94, 60Hz
	1080p (1920x1080) -23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
Color format support	RGB, YCbCr 4:4:4, 4:2:2 & 4:2:0
Color depth	8 bpc (24 bit/px)
Color space support	BT.601 on standard resolutions
	BT.709 for 720p, 1080i, 1080p
AVIP module	
P Input connector	1 on RJ45 connector
Resolution support	Channel 1 : PC and HD resolutions up to 1920x1080p60
	1920x1200p, 60cvt-rb
	3840x2160p 30, 29.97, 25, 24, 23.98Hz
	4096x2160p 30, 29.97, 25, 24, 23.98Hz
	Full scaling support for other resolutions.
	Channel 2: 1920x1080p60
	Full scaling support for other resolutions.
Interface	1Gb Ethernet port
Decoding	H.264 (CBP, Main, High)
Stream bit rates	2 Streams each 25Mbps
Streaming resolutions	Configurable up to 1080p60
Color depth	4:2:0
Unicast Streams	RTSP, RTMP, HTTP, MPEG-TS
Multicast Streams	RTSP, MPEG-TS
Media/Images	
Interfaces	USB 3.0, Internal Storage
Video Codecs	H.264 (CBP, Main, High)
Video Formats	mp4, .mov, .mkv, .m4v, .ts, .mts, .m2ts, .mt2
Playback Bit Rates	Single stream to 100Mbs, Dual Streams to 40Mbs
File Playback Resolution	
Up to 3480x2160@30fps	1
Up to 1080p60@60fps	Up to 2
Up to 7680 x 4320	Up to 2 (still images only)
Media Handling	
External	1 x USB 3.0 interface
Supported devices	Flash file systems FAT, FAT32, ext3, ext4, NTFS
Internal	High speed storage up to 128GB per module
Audio Inputs†	
Audio iriputs	
	48KHz
Supported sampling rate	
Supported sampling rate Sample size	24 bits
Supported sampling rate Sample size Supported channels	24 bits 1 Stereo pair on each input
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y	24 bits 1 Stereo pair on each input
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output	24 bits 1 Stereo pair on each input 8GS-1Y
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector	24 bits 1 Stereo pair on each input 8GS-1Y
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate	24 bits 1 Stereo pair on each input 8GS-1Y
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI  720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4.4:4 All supported resolutions HDMI 1.4 & HDCP 1.4
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px)
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BTJ709 for 720p, 1080i, 1080p and 2160p but
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDM1.4 & HDCP 1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p but 48KHz
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p  out 48KHz 24 bits
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDM1.4 & HDCP 1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p but 48KHz
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported channels Supported channels Mechanical	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4.4.4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT/09 for 720p, 1080i, 1080p and 2160p but 48KHz 24 bits 1 Stereo pair
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D)	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT709 for 720p, 1080i, 1080p and 2160p  but 48KHz 24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm)
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported shannels Wechanical Size (H x W x D) Weight	24 bits 1 Stereo pair on each input .8GS-1Y  RCA .S/PDIF .48KHz .24 bits 1 Stereo pair  HDMI .720p, 1080i & 1080p @ 24Hz to 60Hz .3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4:4: .4Il supported resolutions .HDMI 1.4 & HDCP 1.4 .8 bpc (24 bit/px) .BT.709 for 720p, 1080i, 1080p and 2160p .put .48KHz .24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Output Supported sampling rate Sample size Supported sampling Compatibility Color space support Embedded Audio Output Supported sampling rate Sample size Supported channels Mechanical Sissie Mechanical Sissie Weight Regulatory Compliance	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p 50t 48KHz 24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling rate Sample size Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit	24 bits 1 Stereo pair on each input .8GS-1Y  RCA .S/PDIF .48KHz .24 bits 1 Stereo pair  HDMI .720p, 1080i & 1080p @ 24Hz to 60Hz .3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4:4: .4Il supported resolutions .HDMI 1.4 & HDCP 1.4 .8 bpc (24 bit/px) .BT.709 for 720p, 1080i, 1080p and 2160p .put .48KHz .24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately
Supported sampling rate Sample size Supported channels 14H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling rate Size (H x W x D) Weight Regulatory Compliance Main unit Environmental	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT709 for 720p, 1080i, 1080p and 2160p  148KHz 24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported channels Video Output Color space support Embedded Audio Outp Size Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT709 for 720p, 1080i, 1080p and 2160p  148KHz 24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F)
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling rate Supported sampling rate Supported sampling rate Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Temperature	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz .24 bits 1 Stereo pair  HDMI .720p, 1080i & 1080p @ 24Hz to 60Hz .3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .44.44 .All supported resolutions .HDM1.4 & HDCP 1.4 .8 bpc (24 bit/px) .BT.709 for 720p, 1080i, 1080p and 2160p .00t .48KHz .24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately .25 .26 FCC, CE, RoHS, UL .26 0° to +40°C (+32° to +104°F) .10% to 85%, Non-condensing
Supported sampling rate Sample size Supported channels 4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling rate Sample size Supported sampling rate Sample size Resolution Support Embedded Audio Outp Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDM1 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p  but 48KHz 24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F) 10% to 85%, Non-condensing -10° to +70° C (+14° to +158° F)
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4:4:4 All supported resolutions HDMI 14 & HDCP 1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p  out 48KHz 24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL 0° to +40°C (+32° to +104°F) 10% to 85%, Non-condensing -10° to +70° C (+14° to +158° F) 10% to 85%, Non-condensing -10° to +70° C (+14° to +158° F) 10% to 85%, Non-condensing
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Output Supported sampling rate Sample size Supported sampling Regulatory Compliance Mechanical Sisse Supported channels Mechanical Siste Supported channels Mech	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz .840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4:4 .4I supported resolutions .HDMI 1.4 & HDCP 1.4 .8 bpc (24 bit/px) .BT/09 for 720p, 1080i, 1080p and 2160p .10 .48KHz .24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately .9 .FCC, CE, RoHS, UL .0° to +40°C (+32° to +104°F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .10° to +50° C (+14° to +158° F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .100 to Hours
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output Connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity MTBF BTU	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz .3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4:4:4 All supported resolutions .HDM1.4 & HDCP 1.4 8 bpc (24 bit/px) .BT.709 for 720p, 1080i, 1080p and 2160p 48KHz .24 bits 1 Stereo pair  1,73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .50,000 Hours .205 BTU/hr
Supported sampling rate Sample size Supported channels 14H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity BBU Fan Noise	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz .840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4:4 .4I supported resolutions .HDMI 1.4 & HDCP 1.4 .8 bpc (24 bit/px) .BT/09 for 720p, 1080i, 1080p and 2160p .10 .48KHz .24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately .9 .FCC, CE, RoHS, UL .0° to +40°C (+32° to +104°F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .10° to +50° C (+14° to +158° F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .100 to Hours
Supported sampling rate Sample size Supported channels 14H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity BBU Fan Noise	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz .3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4:4:4 All supported resolutions .HDM1.4 & HDCP 1.4 8 bpc (24 bit/px) .BT.709 for 720p, 1080i, 1080p and 2160p 48KHz .24 bits 1 Stereo pair  1,73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .50,000 Hours .205 BTU/hr
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Output Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz .3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4:4:4 All supported resolutions .HDM1.4 & HDCP 1.4 8 bpc (24 bit/px) .BT.709 for 720p, 1080i, 1080p and 2160p 48KHz .24 bits 1 Stereo pair  1,73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .50,000 Hours .205 BTU/hr
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Output Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External	24 bits 1 Stereo pair on each input 8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4.4:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT/09 for 720p, 1080i, 1080p and 2160p  11 15tereo pair  17:3" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately  FCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F) 10% to 85%, Non-condensing -10° to +70° C (+14° to +158° F) 10% to 85%, Non-condensing 50,000 Hours 205 BTU/hr 44dBA @ 0.5m
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output Connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity MTBF BTU	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz .3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4.4.4 All supported resolutions .HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) .BT/09 for 720p, 1080i, 1080p and 2160p .00t .48KHz .24 bits 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) .3.75 lbs (1.7 Kg) approximately .5 FCC, CE, RoHS, UL .0° to +40°C (+32° to +104°F) .10% to 85%, Non-condensing .10° to +70° C (+14° to +158° F) .10% to 85%, Non-condensing .10° to 585 Mon-condensing .10° to 585 Mon-condensing .10° to 585 Mon-condensing .10° to 85%, Non-condensing .10° to 85%, Non-condensing .10° to 85% Non-condensing .10° to 585 Mon-condensing .10° to 585 Mon-condensing .10° to 585 Mon-condensing .10° to 1580 Mon-condensing .10° to 585 Mon-cond
Supported sampling rate Sample size Supported channels 4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Coutput connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Output Coutput connector Resolution support Chroma sampling rate Sample size Supported sampling rate Sample size Supported sampling rate Sample size Supported sample size Supported sample size Supported sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Storage Humidity Storage Temperature Storage Humidity Storage Temperature Storage Humidity Environmental Connector Supply External Connector Power Cable	24 bits 1 Stereo pair on each input
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Output Supported sampling rate Sample size Supported channels Mechanical Sisize (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External Connector Power cable Accessories included	24 bits 1 Stereo pair on each input
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported sampling rate Sample size Supported sampling rate Supported sampling rate Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Humidity Storage Humidity MTBF BTU Fan Noise Power Supply External Connector	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF .48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz .840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz .4.4: All supported resolutions .HDMI 1.4 & HDCP 1.4 .8 bpc (24 bit/px) .BT/09 for 720p, 1080i, 1080p and 2160p .00 .00 .00 .00 .00 .00 .00 .00 .00 .
Supported sampling rate Sample size Supported channels '4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth Color space support Embedded Audio Outp Supported sampling rate Sample size Supported channels Mechanical Size (H x W x D) Weight Regulatory Compliance Main unit Environmental Operating Temperature Operating Temperature Storage Humidity Storage Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External Connector Power cable Accessories included Quick Start Guide	24 bits 1 Stereo pair on each input .8GS-1Y  RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz 3840 x 2160 @ 23.98Hz 24Hz, 25Hz, 29.97Hz & 30Hz 4.4:4 All supported resolutions HDM1.4 & HDCP1.4 8 bpc (24 bit/px) BT.709 for 720p, 1080i, 1080p and 2160p but 48KHz 24 bits 1 Stereo pair  1,73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately EFCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F) 10% to 85%, Non-condensing -10° to +70° C (+14° to +158° F) 100,000 Hours 205 BTU/hr 44dBA @ 0.5m  110v-240v 50-50Hz auto-detecting Locking US, UK, EU or AU  Printed

<sup>\*</sup> number of presets/windows depends on exact unit configuration

Specifications subject to change without notice

