# 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 Process	ing	CODIOSS	4Hi-1Y
Technology		CORIO®3	HDMI mo
Performance Format conversio	in	Inputs up to 4K60 & Output up to 4K30 Up/Down/Cross Conversion	Input con Resolutio
Max. number of V		8	Resolutio
Windows	VIIIGOVV3	O	
Windows		Up to eight windows*	
Borders		Configurable color & thickness	
Labels		Available on all windows	Color forr
Transitions		Available when changing sources or Presets	Color dep
Presets			Color spa
Number of preset	ts available	16*	
Accessible from f	ront panel	16*	AVIP mod
Preset effects		Transitions, fade through black or window movement	IP Input o
Configuration &	& Control		Resolutio
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	1-46
JSB		Type B - for future use	Interface Decoding
/ideo Inputs			Stream b
			Streamin
H-1Y		4 x HDMI - HDMI 1.4 & HDCP 1.4 compatibility	Color de
Resolution suppo	rt (4·4·4)	480i, 576i - 24Hz to 60Hz	Unicast S
.ссониноп зирро	(,)	720p (1280x720) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz	Multicast
		1035i (1920x1035) - 59.94, 60Hz	Media/I
		HDMI-4in - 1080i 50, 59.94, 60Hz	Interface
		1080p (1920x1080) -23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz	Video Co
Color format supp	oort	RGB, YCbCr 4:4:4, 4:2:2 & 4:2:0	Video Fo
Color depth		8 bpc (24 bit/px)	Playback
Color space supp	ort	BT.601 on standard resolutions	File Play
		BT.709 for 720p, 1080i, 1080p	Up to 34
3H-1Y		QVLIDMI LIDMIAA QUIDODAA	Up to 76
nput connectors	. (4.4.4)	8 x HDMI - HDMI 1.4 & HDCP 1.4 compatibility	Media H
Resolution suppo	rt (4:4:4)	480i, 576i, 24Hz to 60Hz 720p (1280x720) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz	External
		1035i (1920x1035) - 59.94, 60Hz	Supporte
		1080i (1920x1080) - 50, 59.94, 60Hz	Internal
		1080p (1920x1080) -23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz	Audio Ir
Color format supp	oort	RGB, YCbCr 4:4:4, 4:2:2 & 4:2:0	Supporte
Color depth		8 bpc (24 bit/px)	Sample s
Color space supp	ort	BT.601 on standard resolutions	Supporte
		BT.709 for 720p, 1080i, 1080p	†4H-1Y, 8
4Y-1Y			Audio C
nput connectors		4 x HDMI - HDMI 1.4 & HDCP 1.4 compatibility	Connect
Input maximum c		Up to 2x 4K@30, 1x 4K@60 per module (2 modules)	Format
Resolution suppo	rt (4:4:4)	480i, 576i, 24 to 60Hz	Supporte
		720p (1280x720) - 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz	Sample s
		1035i (1920x1035) - 59.94, 60Hz 1080i (1920x1080) - 50, 59.94, 60Hz	Supporte
		1080p (1920x1080) - 30, 59.94, 60Hz	Video C
		2160p (3840 x 2160) - 23.98 24, 25, 29.97, 30, 30, 39.94, 00Hz	Output c
		2160p (4096x2160) - 50/59.94/60Hz	Resolution
Resolution suppo	rt (4:2:0)	2160p (3840 x 2160) - 50, 59.94, 60Hz	
Color format supp		RGB, YCbCr 4:4:4, 4:2:2 & 4:2:0	Chroma
Color depth		8 bpc (24 bit/px)	Scaling
Color space supp	ort	BT.601 on standard resolutions	Compatil
		BT.709 for 720p, 1080i, 1080p and 2160p	Color de
8GS-1Y			Color spa
nput connectors		8 x BNC	Supporte
SDI support	3G-SDI	1080p 60/59.94 SMPTE424M-A 2.97/2.967Gbps < 0.3 UI jitter	Sample s
	HD-SDI	720p, 1035i, 1080i (reduced quality with this because quad	Supporte
		input is 4:2:0), 1080p SMPTE292M 1.485/1.4835Gbps < 0.2	Mechar
		UI jitter	Size (H x
	SD-SDI	(526/625 lines) SMPTE259M-C 270Mbps < 0.1UI jitter	Weight
Color format supp	oort	SDI 4:2:2	Regulat
Color depth		20 bit	Main unit
4D-1Y			Environ
Input connectors		4 on DVI-U connector - HDMI 1.4 & HDCP 1.4 compatibility	Operatin
DVI-U Connector		HDMI, DVI-I, YC, CV, VGA via optional adapters	Operatin
Resolution suppo		480i, 576i - 23.98, 24, 25, 29.97, 30Hz, 50, 59.94, 60Hz	Storage '
		720p (1280x720) - 50, 59.94, 60Hz 035i (1920x1035) - 59.94, 60Hz	Storage I
			BTU
		080i (1920x1080) - 50, 59.94, 60Hz 080p (1920x1080) -23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz	Fan Nois
Analog Sync		080p (1920x1080) -23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz FTL Level, 10KΩ, Pos or Neg	Power S
RGB Level Range		0.5-2.0 Vp-p	External
Scan Rate Detect		Automatic	Connect
Max Horizontal S			Power ca
		Digital - RGB, YCbCr 4:4:4 & 4:2:2	Access
		Analog - RGBHV, RGBS, RGsB, YPbPr	Quick Sta
Color format supp			USB Kev
	8	B bpc (24 bit/px) BT.601 on standard resolutions	
Color format supp Color depth	ort [	3 bpc (24 bit/px)	USB Key Power St Warrant

HDMI module	
Input 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) - 30, 39.94, 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	
IP 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
l-4f	Full scaling support for other resolutions.
Interface Decoding	1Gb Ethernet port
Stream bit rates	H.264 (CBP, Main, High) 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 Up to 1080p60@60fps	1 Up to 2
Up to 7680 x 4320	Up to 2 (still images only)
Media Handling	Op to 2 (still illiages only)
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†	
Supported sampling rate	48KHz
Sample size	24 bits
Supported channels	1 Stereo pair on each input
4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y	
†4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output	, 003 11
†4H-1Y, 8H-1Y, 4D-1Y, 4Y-1Y Audio Output Connector	RCA
Audio Output	
Audio Output Connector	RCA
Audio Output Connector Format	RCA S/PDIF
Audio Output Connector Format Supported sampling rate	RCA S/PDIF 48KHz
Audio Output Connector Format Supported sampling rate Sample size Supported channels	RCA S/PDIF 48KHz 24 bits
Audio Output Connector Format Supported sampling rate Sample size	RCA S/PDIF 48KHz 24 bits
Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output	RCA S/PDIF 48KHz 24 bits 1 Stereo pair  HDMI 720p, 1080i & 1080p @ 24Hz to 60Hz
Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support	RCA S/PDIF 48KHz 24 bits 1 Stereo pair
Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling	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
Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling	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
Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility	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
Audio Output Connector Format Supported sampling rate Sample size Supported channels Video Output Output connector Resolution support Chroma sampling Scaling Compatibility Color depth	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)
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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)	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 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately
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	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 1 Stereo pair  1.73" x 8.54" x 9.61" (44 x 217 x 244mm) 3.75 lbs (1.7 Kg) approximately
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	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  DUT 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
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	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 44:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT709 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 FCC, CE, RoHS, UL  0° to +40°C (+32° to +104°F)
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 Humidity	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 1/3" 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
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 Humidity Storage Temperature	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  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)
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 Femperature Storage Femperature Storage Femperature Storage Humidity	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 44:4 All supported resolutions HDMI 1.4 & HDCP 1.4 8 bpc (24 bit/px) BT709 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
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 Temperature Storage Humidity MTBF	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  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
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 Humidity Storage Temperature Storage Humidity MTBF BTU	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 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 EFC, 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
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 rate Sample size Supported shannels 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	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  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
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 Humidity Storage Humidity MTBF BTU Fan Noise Power Supply	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) BT709 for 720p, 1080i, 1080p and 2160p  out 48KHz 24 bits 1 Stereo pair  173" 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
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 Humidity Storage Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External	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 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) 10% to 85%, Non-condensing 50,000 Hours 205 BTU/hr 44dBA @ 0.5m
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 Humidity Storage Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External Connector	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 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) 10% to 85%, Non-condensing 50,000 Hours 205 BTU/hr 44dBA @ 0.5m
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 Humidity MTBF BTU Fan Noise Power Supply External Connector Power cable	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 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) 10% to 85%, Non-condensing 50,000 Hours 205 BTU/hr 44dBA @ 0.5m
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 Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External Connector Power cable Accessories included	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  1173" 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  1100-240v 50-50Hz auto-detecting Locking US, UK, EU or AU
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 Humidity Storage Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External Connector Power cable Accessories included Quick Start Guide	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 out 48KHz 24 bits 1 Stereo pair  1/3" 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  110v-240v 50-50Hz auto-detecting Locking US, UK, EU or AU  Printed
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 Temperature Storage Humidity MTBF BTU Fan Noise Power Supply External Connector Power cable Accessories included	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  1173" 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  1100-240v 50-50Hz auto-detecting Locking US, UK, EU or AU

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

Specifications subject to change without notice

