

CORIO[®]master

All-in-one multi-window video processor

standout from
the crowd



Captivate your audience. Create the ultimate video experience for your small, medium and large video walls and LED installations without compromise.

LED Ceiling
Fen Court, London

CORIOmaster. Flexible, Simple, Secure.

We've been engineering the very best video scaling technology for over 30 years. Delivering totally flexible, high quality and low latency performance is part of our DNA. We've continually developed our patented, CORIO® scaling engine to keep you ahead of all your AV challenges. By developing our own architecture, it is simple to upgrade any device to the latest format types and connections as they become available.



Add visual appeal with 360° rotation for video windows and displays.



Intuitive and versatile design software for powerful and creative control.



Keep your information safe using our secure HTTPS SSL connectivity.



Lowest latency in the industry for video and IP streams from source to display.



Be source and display agnostic. Mix and match your inputs and outputs including IP streams.



Effortless multi-user control using our app or real-time RESTful API.



Simplify AV installations with crystal clear audio from your display or to your external audio system.



You can manage up to four independent video wall canvases from a single unit.



Streamline your workflows and monitor system health & security using our advanced feedback logic.

Lexus Lounge,
Bridgestone Area,
USA



Dallas Cowboys, USA



ENDLESS POSSIBILITIES

Three Chassis



- 4RU, 16 module capacity
- Dual redundant PSU option
- Additional slot for audio module



- 1RU, 5 module capacity
- 1 fixed module with dual DVI inputs



- 1/2RU, 3 module capacity
- S/PDIF audio control



Twelve Modules

Dual 4K HDMI input



- Allows resolutions up to 4096 x 2160/60p

Dual 4K Streaming & Media input



- Dual, low latency, H.264 and H.265 network streaming
- Dual 4K playback of clips and stills

Dual 4K HDBaseT input



- Supports resolutions up to 4096 x 2160/60p
- 500ft reach with HD-One DX500

Dual DVI Universal input



- Supports resolutions up to 1920 x 1200/60p

Dual 3G-SDI broadcast input



- Supports resolutions up to 1920 x 1080/60p

Quad HD-SDI broadcast input



- Supports resolutions up to 1920 x 1080/30p

4K HDMI scaled output



- Supports all resolutions up to 3840 x 2160/30p

Quad HDMI scaled output



- Supports resolutions up to 1920 x 1080/60p
- Compatible with CORIOmaster, C3-540

Dual DVI-I Scaled output



- Supports resolutions up to 1920 x 1200/60

Dual HDBaseT scaled



- Supports resolutions up to 1920x1200/60p
- 328ft reach with Magenta Receiver

Dual 3G-SDI broadcast output



- Supports resolutions up to 1920x1080/60p

S/PDIF and Analog Audio



- Embed and de-embed audio from S/PDIF or analog
- Cross convert digital and analog audio

Support legacy equipment with adapters



HDMI



CV



Analog PC



YC (S-Video)



Analog RGBHV



YPbPr/YUV

- DVI-U - one connector, eight adapters - all formats covered!

Custom Control



CORIOgrapher



CORIOmaster app



Third party control



Wall mount control panel

Streaming Media Encoder



- Single channel H.264 video encoder
- Auto discovered by CORIOmaster streaming input module
- Control using CORIOgrapher
- HDMI or analog support
- Supports low latency mode

...this is video processing
without restrictions.

The CORIOmaster difference

Create the ultimate video experience with CORIOmaster, the world's most advanced & flexible family of video processors, allowing any signal in to any signal out in glorious, eye popping 4K quality.

Adobe's global HQ



1. Secure control with simultaneous multi-user access
2. Go large and creative with 360° rotation and up to 56 displays per system
3. Make it sing with embedded audio or external break out

4. Mix low latency AV, IP & Broadcast sources in a single chassis.
5. Manage four video walls from a single chassis
6. Doing LED Right! Pixel perfect set ups - guaranteed

“We've been very impressed with the C3-503. It is very versatile and very powerful, but also very easy to configure. We did the integration ourselves, and the CORIOmaster worked for us right out of the box. This was one example where the phrase plug-and-play meant what it said.

Peter Ransom,
Kent University, UK

”



You can trust your reputation with CORIOmaster. It's proven reliability is delivered through a mix of high-quality design, modularity and hand built manufacturing with a 100% test regime. In our stringent, in house, tests we see over 50,000 hours MTBF in even the harshest environmental conditions. This is why we are chosen by military, healthcare and government users globally.

Go large! with your video wall with the option for up to 56 outputs from a single 4RU chassis – just perfect for eye catching video experiences in public venues and retail.



Secure connectivity, multi-user control and event feedback are essential for collaborative and security conscious installations.

- Benefit from our secure HTTPS communications and a REST API for your secure applications.
- Event feedback – pro-actively monitor signal or system glitches for critical signal path management in mission critical environments.
- Multiple control points – up to four users can control the CORIOmaster via REST API which makes programming external control simple and offers new opportunities for multiple canvas systems.
- **CORIO**grapher user management profiles allow easy control of access to CORIOmaster for administrators, power users and users.

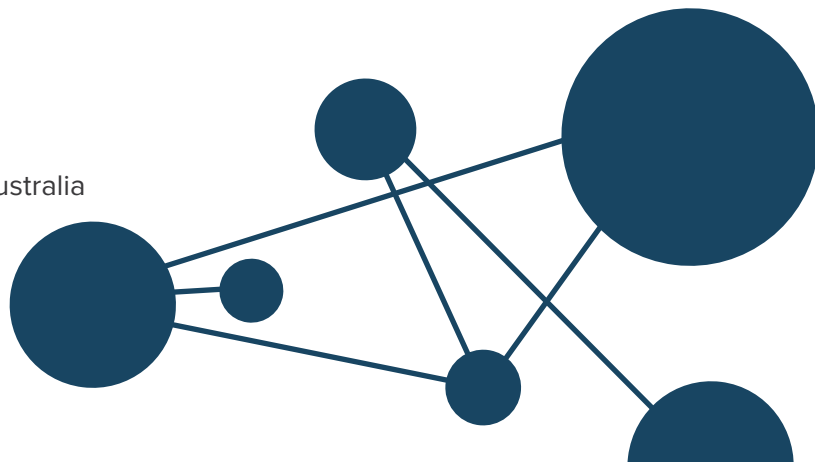


Put the A into AV!

Get your digital audio direct from source to video wall with audio de-embed/re-embed capability. This simplifies install, integration and system complexity. If you need to break out audio, simply add an audio module for both digital and analog connectivity to and from your external systems.



The Cube, Australia



Applications

KTVU FOX 2, USA



Broadcast

1. Manage up to four independent video walls from a single chassis
2. Low latency performance guaranteed
3. Seamlessly combine broadcast, AV and IP feeds with a built-in media player
4. Go large and creative - up to 56 displays per system
5. Secure, encrypted control with simultaneous multi-user access and monitoring



Command & Control

1. Multi-zone capability for control, video and audio
2. Secure control with simultaneous multi-user access
3. Wide range of video formats supported for mission critical operations
4. Never miss a beat with source or system health monitoring
5. Mix low latency AV, IP and broadcast in a single chassis



Public Venues

1. Secure control with simultaneous multi-user access
2. Make it sing with embedded audio or external break out
3. Remote monitoring of sources and system set-up
4. Large, creative edge-blends with mixed orientation and up to 56 outputs
5. Doing LED Right! Pixel perfect set ups - guaranteed
6. Save power with eco mode display switch off capability.



New London Architecture, UK

Edge Hill University, UK

Corporate

1. Secure control with simultaneous multi-user access
2. Experience complete design freedom to create a 'one of a kind' video wall.
3. Make it sing with embedded audio or external break out
4. Mix low latency AV, IP and broadcast sources in a single chassis
5. Manage four video walls from a single chassis



Warwick University, UK





Warwick University, UK

Education

1. Manage four video walls from a single chassis
2. Make it sing with embedded audio or external break out
3. Secure control with simultaneous multi-user access
4. Mix low latency AV, IP and broadcast sources in a single chassis
5. Grab your audience with eye-catching transitions



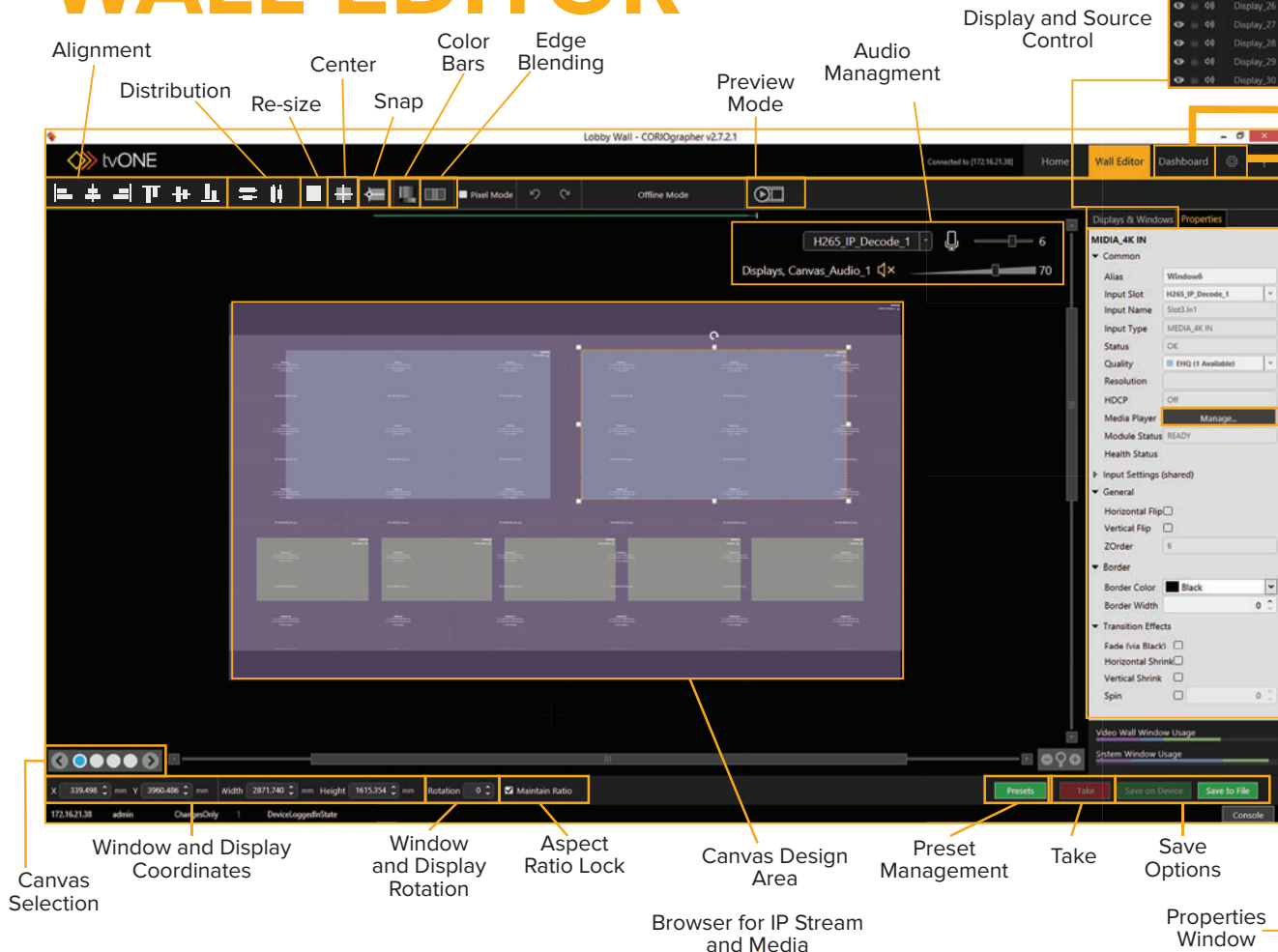
"The video wall in the entrance area is our showcase for what is happening in the University. CORIOmaster has given us unique flexibility – we can use each screen as an individual display, or combine all four into one massive, and hugely impressive, 16K resolution show screen."

Ian Mason,
Warwick University, UK

CORIOgrapher

Let your creativity go wild! Rotate sources and displays with complete 360° rotation, mix and match display types, create overlaps or edge-blends and automatically correct for display size and bezels to create unique, eye-catching experiences.

WALL EDITOR



IP Latency Reduction



Media and IP Stream play queue carousel

DASHBOARD

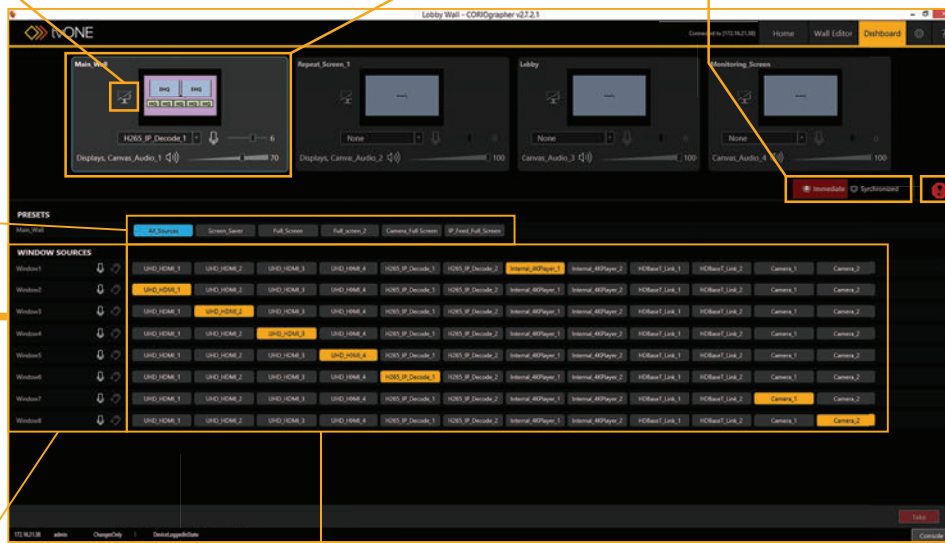
Cut to black and mute

Immediate/synchronized mode

Canvas Audio Control

Global cut to black mute

Preset Control



Audio control per window

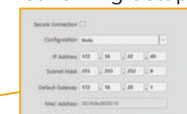
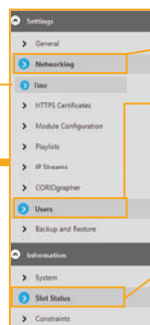
Source Switching

SETTINGS

Secure Networking Setup

Network Time Protocol

Multi-user Login Control



Slot	Name	Audio Enabled	Status	Card Type	HDMI	SDP	Monitored Resolution	Type
SDP01-001	HDMI_AUDIO_1	ON	OK	HDMI_AE 2-01	Not_Present	OFF		
SDP01-002	HDMI_AUDIO_2	ON	OK	HDMI_AE 2-02	Not_Present	OFF		
SDP01-003	HDMI_AUDIO_3	ON	OK	HDMI_AE 2-03	Not_Present	OFF		
SDP01-004	HDMI_AUDIO_4	ON	OK	HDMI_AE 2-04	Not_Present	OFF		
SDP01-005	HDMI_IP_Decode_1	ON	OK	HDMI_AE 3-01	Not_Present	OFF		
SDP01-006	HDMI_IP_Decode_2	ON	OK	HDMI_AE 3-02	Not_Present	OFF		
SDP01-007	Internal_AUDIO_1	ON	OK	SDP_AE 3-01	Not_Present	OFF		
SDP01-008	Internal_AUDIO_2	ON	OK	SDP_AE 3-02	Not_Present	OFF		
SDP01-009	Internal_AUDIO_3	ON	OK	SDP_AE 3-03	Not_Present	OFF		
SDP01-010	Internal_AUDIO_4	ON	OK	SDP_AE 3-04	Not_Present	OFF		
SDP01-011	Internal_AUDIO_5	ON	OK	SDP_AE 3-05	Not_Present	OFF		
SDP01-012	Internal_AUDIO_6	ON	OK	SDP_AE 3-06	Not_Present	OFF		
SDP01-013	Internal_AUDIO_7	ON	OK	SDP_AE 3-07	Not_Present	OFF		
SDP01-014	Internal_AUDIO_8	ON	OK	SDP_AE 3-08	Not_Present	OFF		
SDP01-015	Internal_AUDIO_9	ON	OK	SDP_AE 3-09	Not_Present	OFF		
SDP01-016	Internal_AUDIO_10	ON	OK	SDP_AE 3-10	Not_Present	OFF		
SDP01-017	Internal_AUDIO_11	ON	OK	SDP_AE 3-11	Not_Present	OFF		
SDP01-018	Internal_AUDIO_12	ON	OK	SDP_AE 3-12	Not_Present	OFF		
SDP01-019	Internal_AUDIO_13	ON	OK	SDP_AE 3-13	Not_Present	OFF		
SDP01-020	Internal_AUDIO_14	ON	OK	SDP_AE 3-14	Not_Present	OFF		
SDP01-021	Internal_AUDIO_15	ON	OK	SDP_AE 3-15	Not_Present	OFF		
SDP01-022	Internal_AUDIO_16	ON	OK	SDP_AE 3-16	Not_Present	OFF		
SDP01-023	Internal_AUDIO_17	ON	OK	SDP_AE 3-17	Not_Present	OFF		
SDP01-024	Internal_AUDIO_18	ON	OK	SDP_AE 3-18	Not_Present	OFF		
SDP01-025	Internal_AUDIO_19	ON	OK	SDP_AE 3-19	Not_Present	OFF		
SDP01-026	Internal_AUDIO_20	ON	OK	SDP_AE 3-20	Not_Present	OFF		
SDP01-027	Internal_AUDIO_21	ON	OK	SDP_AE 3-21	Not_Present	OFF		
SDP01-028	Internal_AUDIO_22	ON	OK	SDP_AE 3-22	Not_Present	OFF		
SDP01-029	Internal_AUDIO_23	ON	OK	SDP_AE 3-23	Not_Present	OFF		
SDP01-030	Internal_AUDIO_24	ON	OK	SDP_AE 3-24	Not_Present	OFF		
SDP01-031	Internal_AUDIO_25	ON	OK	SDP_AE 3-25	Not_Present	OFF		
SDP01-032	Internal_AUDIO_26	ON	OK	SDP_AE 3-26	Not_Present	OFF		
SDP01-033	Internal_AUDIO_27	ON	OK	SDP_AE 3-27	Not_Present	OFF		
SDP01-034	Internal_AUDIO_28	ON	OK	SDP_AE 3-28	Not_Present	OFF		
SDP01-035	Internal_AUDIO_29	ON	OK	SDP_AE 3-29	Not_Present	OFF		
SDP01-036	Internal_AUDIO_30	ON	OK	SDP_AE 3-30	Not_Present	OFF		
SDP01-037	Internal_AUDIO_31	ON	OK	SDP_AE 3-31	Not_Present	OFF		
SDP01-038	Internal_AUDIO_32	ON	OK	SDP_AE 3-32	Not_Present	OFF		
SDP01-039	Internal_AUDIO_33	ON	OK	SDP_AE 3-33	Not_Present	OFF		
SDP01-040	Internal_AUDIO_34	ON	OK	SDP_AE 3-34	Not_Present	OFF		
SDP01-041	Internal_AUDIO_35	ON	OK	SDP_AE 3-35	Not_Present	OFF		
SDP01-042	Internal_AUDIO_36	ON	OK	SDP_AE 3-36	Not_Present	OFF		
SDP01-043	Internal_AUDIO_37	ON	OK	SDP_AE 3-37	Not_Present	OFF		
SDP01-044	Internal_AUDIO_38	ON	OK	SDP_AE 3-38	Not_Present	OFF		
SDP01-045	Internal_AUDIO_39	ON	OK	SDP_AE 3-39	Not_Present	OFF		
SDP01-046	Internal_AUDIO_40	ON	OK	SDP_AE 3-40	Not_Present	OFF		
SDP01-047	Internal_AUDIO_41	ON	OK	SDP_AE 3-41	Not_Present	OFF		
SDP01-048	Internal_AUDIO_42	ON	OK	SDP_AE 3-42	Not_Present	OFF		
SDP01-049	Internal_AUDIO_43	ON	OK	SDP_AE 3-43	Not_Present	OFF		
SDP01-050	Internal_AUDIO_44	ON	OK	SDP_AE 3-44	Not_Present	OFF		
SDP01-051	Internal_AUDIO_45	ON	OK	SDP_AE 3-45	Not_Present	OFF		
SDP01-052	Internal_AUDIO_46	ON	OK	SDP_AE 3-46	Not_Present	OFF		
SDP01-053	Internal_AUDIO_47	ON	OK	SDP_AE 3-47	Not_Present	OFF		
SDP01-054	Internal_AUDIO_48	ON	OK	SDP_AE 3-48	Not_Present	OFF		
SDP01-055	Internal_AUDIO_49	ON	OK	SDP_AE 3-49	Not_Present	OFF		
SDP01-056	Internal_AUDIO_50	ON	OK	SDP_AE 3-50	Not_Present	OFF		
SDP01-057	Internal_AUDIO_51	ON	OK	SDP_AE 3-51	Not_Present	OFF		
SDP01-058	Internal_AUDIO_52	ON	OK	SDP_AE 3-52	Not_Present	OFF		
SDP01-059	Internal_AUDIO_53	ON	OK	SDP_AE 3-53	Not_Present	OFF		
SDP01-060	Internal_AUDIO_54	ON	OK	SDP_AE 3-54	Not_Present	OFF		
SDP01-061	Internal_AUDIO_55	ON	OK	SDP_AE 3-55	Not_Present	OFF		
SDP01-062	Internal_AUDIO_56	ON	OK	SDP_AE 3-56	Not_Present	OFF		
SDP01-063	Internal_AUDIO_57	ON	OK	SDP_AE 3-57	Not_Present	OFF		
SDP01-064	Internal_AUDIO_58	ON	OK	SDP_AE 3-58	Not_Present	OFF		
SDP01-065	Internal_AUDIO_59	ON	OK	SDP_AE 3-59	Not_Present	OFF		
SDP01-066	Internal_AUDIO_60	ON	OK	SDP_AE 3-60	Not_Present	OFF		
SDP01-067	Internal_AUDIO_61	ON	OK	SDP_AE 3-61	Not_Present	OFF		
SDP01-068	Internal_AUDIO_62	ON	OK	SDP_AE 3-62	Not_Present	OFF		
SDP01-069	Internal_AUDIO_63	ON	OK	SDP_AE 3-63	Not_Present	OFF		
SDP01-070	Internal_AUDIO_64	ON	OK	SDP_AE 3-64	Not_Present	OFF		
SDP01-071	Internal_AUDIO_65	ON	OK	SDP_AE 3-65	Not_Present	OFF		
SDP01-072	Internal_AUDIO_66	ON	OK	SDP_AE 3-66	Not_Present	OFF		
SDP01-073	Internal_AUDIO_67	ON	OK	SDP_AE 3-67	Not_Present	OFF		
SDP01-074	Internal_AUDIO_68	ON	OK	SDP_AE 3-68	Not_Present	OFF		
SDP01-075	Internal_AUDIO_69	ON	OK	SDP_AE 3-69	Not_Present	OFF		
SDP01-076	Internal_AUDIO_70	ON	OK	SDP_AE 3-70	Not_Present	OFF		
SDP01-077	Internal_AUDIO_71	ON	OK	SDP_AE 3-71	Not_Present	OFF		
SDP01-078	Internal_AUDIO_72	ON	OK	SDP_AE 3-72	Not_Present	OFF		
SDP01-079	Internal_AUDIO_73	ON	OK	SDP_AE 3-73	Not_Present	OFF		
SDP01-080	Internal_AUDIO_74	ON	OK	SDP_AE 3-74	Not_Present	OFF		
SDP01-081	Internal_AUDIO_75	ON	OK	SDP_AE 3-75	Not_Present	OFF		
SDP01-082	Internal_AUDIO_76	ON	OK	SDP_AE 3-76	Not_Present	OFF		
SDP01-083	Internal_AUDIO_77	ON	OK	SDP_AE 3-77	Not_Present	OFF		
SDP01-084	Internal_AUDIO_78	ON	OK	SDP_AE 3-78	Not_Present	OFF		
SDP01-085	Internal_AUDIO_79	ON	OK	SDP_AE 3-79	Not_Present	OFF		
SDP01-086	Internal_AUDIO_80	ON	OK	SDP_AE 3-80	Not_Present	OFF		
SDP01-087	Internal_AUDIO_81	ON	OK	SDP_AE 3-81	Not_Present	OFF		
SDP01-088	Internal_AUDIO_82	ON	OK	SDP_AE 3-82	Not_Present	OFF		
SDP01-089	Internal_AUDIO_83	ON	OK	SDP_AE 3-83	Not_Present	OFF		
SDP01-090	Internal_AUDIO_84	ON	OK	SDP_AE 3-84	Not_Present	OFF		
SDP01-091	Internal_AUDIO_85	ON	OK	SDP_AE 3-85	Not_Present	OFF		
SDP01-092	Internal_AUDIO_86	ON	OK	SDP_AE 3-86	Not_Present	OFF		
SDP01-093	Internal_AUDIO_87	ON	OK	SDP_AE 3-87	Not_Present	OFF		
SDP01-094	Internal_AUDIO_88	ON	OK	SDP_AE 3-88	Not_Present	OFF		
SDP01-095	Internal_AUDIO_89	ON	OK	SDP_AE 3-89	Not_Present	OFF		
SDP01-096	Internal_AUDIO_90	ON	OK	SDP_AE 3-90	Not_Present	OFF		
SDP01-097	Internal_AUDIO_91	ON	OK	SDP_AE 3-91	Not_Present	OFF		
SDP01-098	Internal_AUDIO_92	ON	OK	SDP_AE 3-92	Not_Present	OFF		
SDP01-099	Internal_AUDIO_93	ON	OK	SDP_AE 3-93	Not_Present	OFF		
SDP01-100	Internal_AUDIO_94	ON	OK	SDP_AE 3-94	Not_Present	OFF		
SDP01-101	Internal_AUDIO_95	ON	OK	SDP_AE 3-95	Not_Present	OFF		
SDP01-102	Internal_AUDIO_96	ON	OK	SDP_AE 3-96	Not_Present	OFF		
SDP01-103	Internal_AUDIO_97	ON	OK	SDP_AE 3-97	Not_Present	OFF		
SDP01-104	Internal_AUDIO_98	ON	OK	SDP_AE 3-98	Not_Present	OFF		
SDP01-105	Internal_AUDIO_99	ON	OK	SDP_AE 3-99	Not_Present	OFF		
SDP01-106	Internal_AUDIO_100	ON	OK	SDP_AE 3-100	Not_Present	OFF		

Input/Output Status

Video Processing Power	
Parallel Processing	Yes
Architecture	Yes
CORIO3 Video Processing	Yes
Real Time Video Quality	Yes
Up/Down/Cross Conversion	Yes
Number of Video walls	4 (C3-503, 2 Video Walls)
Display Size Compensation	Yes, different sizes in video walls
Output Rotation	Yes for any outputs and windows
Projector Edge Blending	Yes
HDCP Key Handling	Yes
Computer Input (C3-540)	
Digital DVI	Up to 28 via Universal DVI (HDMI & HDCP compatible)
Analog	Up to 28 via Universal DVI
Analog Format	RGBHV, RGBS, RGsB, YPbPr
Analog Sync	TTL Level, 10KΩ, Pos or Neg
RGB Level Range	0.5-2.0 Vp-p
Scan Rate Detection	Automatic
Analog Signals	PC to 1920x1080, HD to 1080p60
DVI Signals	PC to 1920x1200, HD to 1080p60
Max Horizontal Scan Rate	Yes
Computer Outputs (C3-540)	
DVI Signals	Up to 28 via DVI-I (HDMI & HDCP compatible)
Analog	Up to 28 via DVI-I
Analog format	RGBHV, RGBS, RGsB, YPbPr
R-G-B Level	0.7 Vp-p
DVI Signals w/EDID	PC to 1920x1200, HD to 1080p60
Analog Signals	PC to 1920x1080, HD to 1080p60
Vertical Refresh Rate	Any to 250Hz
Size and Positionz	User Adjustable
Settings Memory	Non-Volatile
Conversion Technology	Proprietary – CORIO®3
Color	RGB/DVI/HDMI/YPbPr 24-bit 4:4:4, SDI 20-bit 4:2:2
Max. Sampling Rate	162MHz
Firmware Memory	Flash, Upgradeable via download
Video Comb Filter	Adaptive
Video Adjustments	Contrast, Brightness, RGB Gamma
HD Video Resolutions supported (HDMI, DVI, YPbPr, SDI, & HDBaseT)	
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, 30Hz, 50, 59.94, 60Hz
4K Video Input Resolutions supported (via HDMI & HDBaseT)	
3840x2160: 4:4:4	23.98/24/25/29.97/30Hz 8-bit
3840x2160: 4:2:0	50/59.94/60Hz 8-bit
4096x2160: 4:2:0	50/59.94/60Hz 8-bit
4K Video Output Resolutions supported (via HDMI)	
3840x2160: 4:4:4	23.98/24/25/29.97/30Hz 8-bit
Video Inputs (C3-540)	
Television Standards	NTSC, PAL
Composite Video	Up to 28 via DVI
YC (S-Video)	Up to 28 via DVI
YUV /YPbPr	Up to 28 via DVI
SD/HD-SDI	Up to 56 via BNC
SD/HD/3G-SDI	Up to 28 via BNC
4K/30	Up to 28 via HDMI & HDBaseT

* refer to product specification sheets for exact details

AV over IP (up to 4 module cards)	
Interface	Up to 4x 1 GbE Ethernet Port
IP Video Decoding	H.264 (CBP, Main, High), H.265/HEVC1 (Main)
IP Bit Rates	Up to 8x streams up to 25Mbps per stream
Colour Depth	4:2:0, 4:2:2
Supported IP Resolutions	Configurable to 1920x1080p60
Unicast Streams	RTSP, RTMP, HTTP, MPEG-TS
Multicast Streams	RTSP, MPEG-TS
Media/Images	
Interfaces	Up to 4x USB3.0, Internal Storage, Network
Video Codecs	H.264 (CBP, Main, High), H.265/HEVC1 (Main)
Video Formats	mp4, .mov, .mkv, .m4v, .ts, .mts, .m2ts, .mt2
Playback Bit Rates	Single stream to 100Mbps (per module), Dual Streams to 40Mbps (per module)
File Playback Resolutions Supported	
Up to 3480x2160@30fps	Up to 4
Up to 1080p60@60fps	Up to 8
Up to 7680 x 4320	Still images2
Media Handling	
External	Up to 4x USB 3.0 interface
Supported devices	Flash file systems FAT, FAT32, ext3, ext4, NTFS
Internal	High-speed storage up 128GB per module
Remote	File transfer supported3
Video Outputs (C3-540)	
YUV /YPbPr	Up to 28 via DVI
SD/HD/3G-SDI	Up to 28 via BNC
HDBaseT	Up to 28 via RJ45
4K	Up to 14 via HDMI
3G/HD/SD-SDI	
SMPTE259M-C (SD-SDI Video)	270Mbps < 0.1UI jitter 525/625Line
SMPTE292M (HD-SDI Video)	1.485/1.4835Gbps < 0.2 UI jitter 720p, 1035i, 1080i, 1080p
SMPTE424M (3G-SDI Video)	2.97/2.967Gbps < 0.3 UI jitter 1080p 60/59.94
Control Methods	
RS-232	via D9 Female Connector
IP Interface	RJ45 Connector for both HTTP(s)
Warranty	
Limited Warranty	5 Years Parts and Labor
Regulatory Compliance	
Main unit	FCC, CE, RoHS, ULc
Mechanical (C3-540)	
Size (H x W x D)	7.0" x 19.0" x 13.1" 178 x 482 x 334mm
Weight (Net)	Approx. 15Kg (33 lbs) (with redundant PSU option)
Environmental (C3-540)	
Operating Temperature	0° to +40°C (+32° to +104°F)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-10° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, Non-condensing
MTBF	Approximately 50,000 hours
BTU	1024 BTU/hr
Fan Noise	0-35°C = 37.7dB(A) Min / 40°C = 50.6dB(A) Max
Power (C3-540 & C3-510)	
Internal Power Supply	110v to 240v auto-detecting

Broc-CORIOmaster-EU-Jan-19

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