

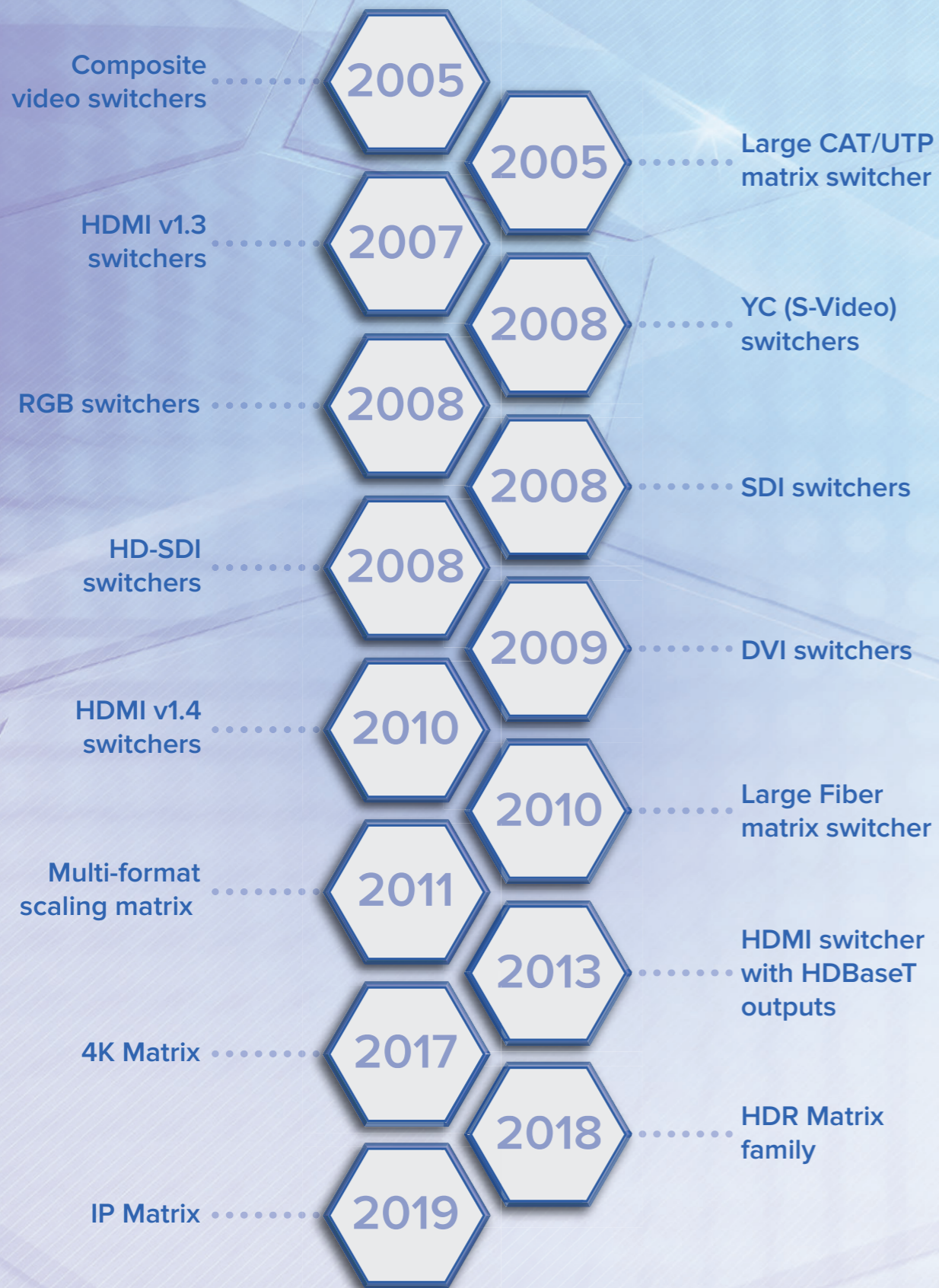
SWITCH

Best-in-class switches and matrices for sending sources to single or multiple destinations

Supporting mission-critical AV installations world-wide.
We Engineer Confidence.

 **tvONE**[®]
We Engineer Confidence

tvONE switcher product development timeline



The tvONE difference:

Are you suffering from heart-stopping "AV moments"? Then step up to tvONE's leading range of ultra-reliable switchers and matrices that feature award winning performance as standard. Choose from our range of solutions for every need and every budget. From entry level products, to advanced systems, tvONE provides easy integration of the most popular inputs and outputs, together with solutions that can expand up to thousands of end points.

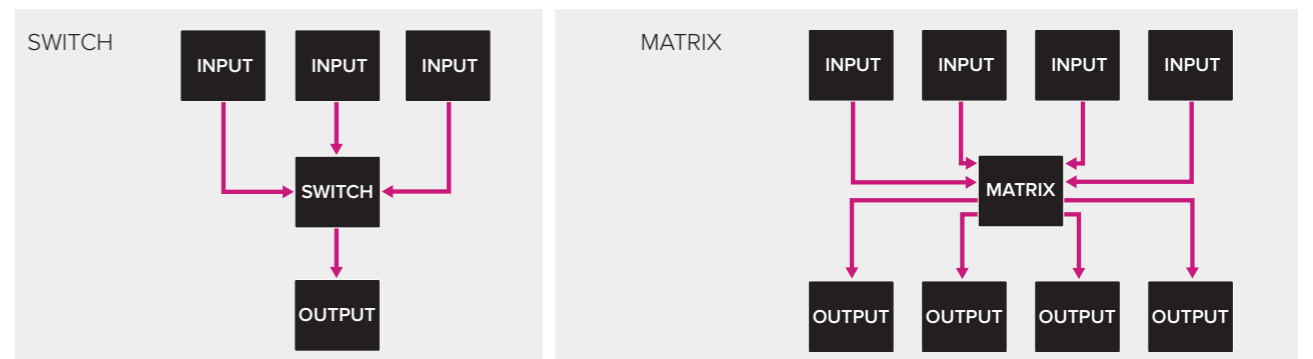
Switcher selection guide:

Experience our AV, Broadcast and IP solutions with rich feature sets including format conversion, scaling and extension.

Cable type – tvONE has the widest range of input and output types. All our solutions are designed, manufactured and tested for real-world environments where interoperability and clean, synchronous switching are key while still maintaining low latency and high image quality.



Size – tvONE solutions include switches (single output) and matrices (multiple outputs) in a variety of sizes.



Features – Choose from the widest range of features for the perfect installation.

<p>Format conversion</p> <p>Mix and match your content and simplify your installs by making your format, aspect and output resolutions independent</p>	<p>Scaling</p> <p>It's easy to mix and match your content whatever the source or format, using our high quality, low latency scaling engine.</p>	<p>Modularity</p> <p>Build the system you need with our modular building block approach on our CORIOmatrix, MultiView and Voyager family's</p>	<p>Auto switching</p> <p>Save time, eliminate system complexity and control headaches with automatic source switching.</p>
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Control – tvONE solutions offer a range of options to allow users to easily control their matrix and switcher solutions. Choose from front panels, control software and web browsers, on screen display (OSD) and infra-red control options. You can also integrate our CORIO based solutions to popular AV control solutions simply and easily using our free to download plug-ins.



Small Switchers & Matrices - up to 8x8

Connect and present in seconds with our compact solutions with fast switching, wide format support and easy control. tvONE guarantees glitch-free switching between a variety of computer and other signal types to a single output for corporate, medical, government, hospitality and control rooms.

MX-6544



MX-6588



HDMI 2.0 is the new standard for switching 4K/60 video where you need life-like, deep color rendition. The MX-65xx matrix switcher series provides guaranteed HDMI 2.0 performance and allows you to switch multiple sources to multiple display devices independently or at the same time.

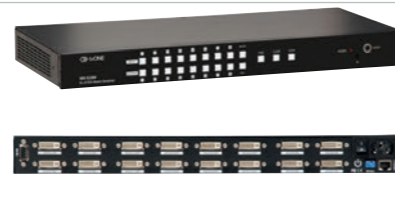
1T-SX-654



MX-8488



MX-5288



A range of small switches are available in a number of fit-for-purpose designs. tvONE guarantees high-performance routing of HDMI, DVI and HDBaseT signals. Full bandwidth processing, easy EDID management and a variety of control options ensures ultra-reliable operation and peace of mind for integrators and end users.

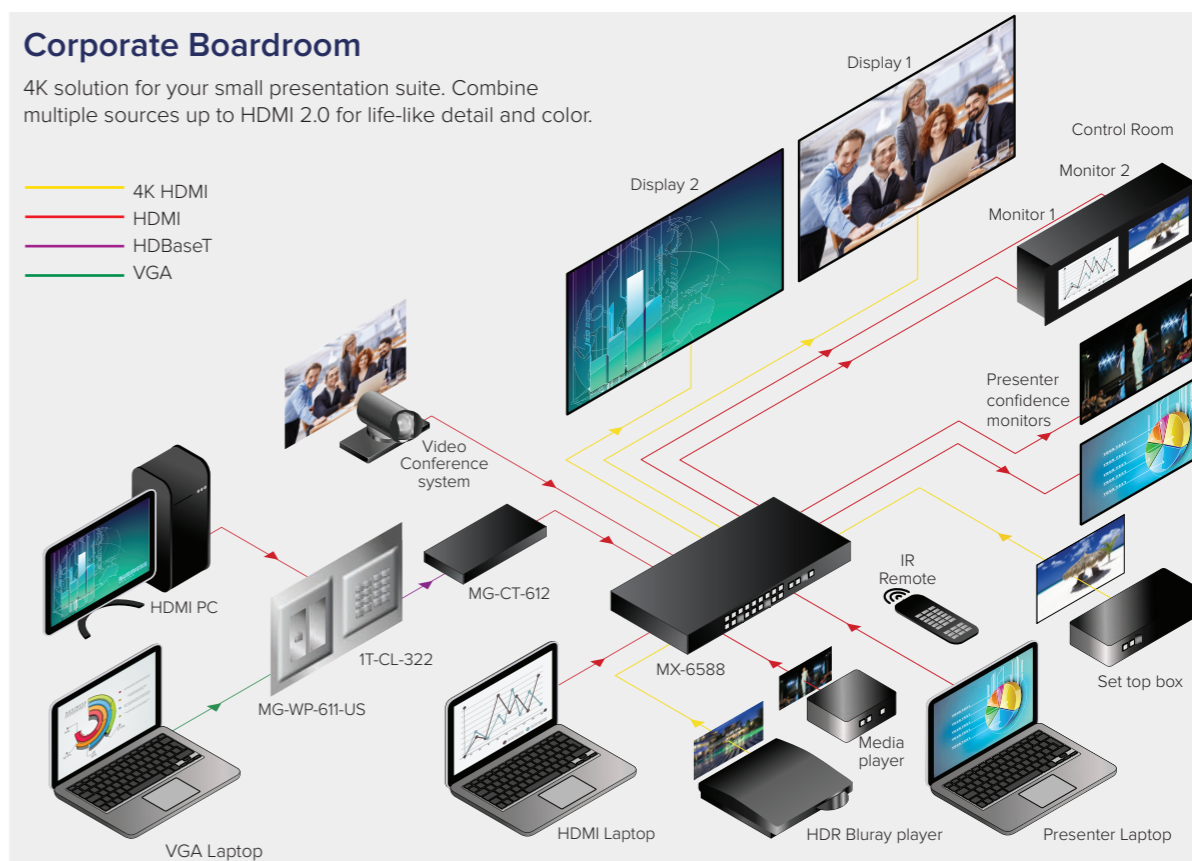
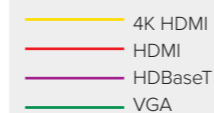
Compatible tvONE products



Small matrix application

Corporate Boardroom

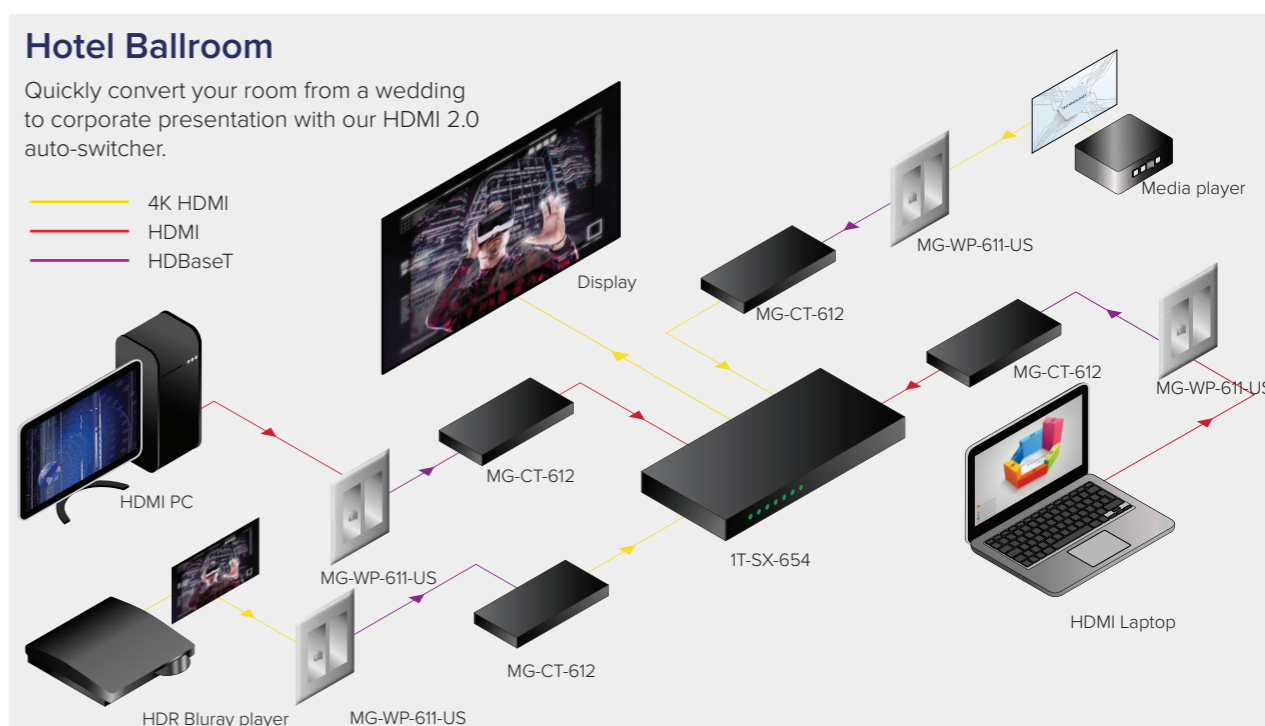
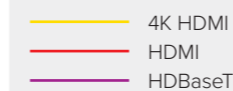
4K solution for your small presentation suite. Combine multiple sources up to HDMI 2.0 for life-like detail and color.



Small switch application

Hotel Ballroom

Quickly convert your room from a wedding to corporate presentation with our HDMI 2.0 auto-switcher.





The EU assembly in Belgium counts on many CORIOmatrixes signal conversion abilities, every day

Medium Matrices - up to 60 inputs or 24 outputs

The CORIOmatrix series is the ultimate 4K modular AV matrix with scaling, format conversion and extension capabilities built in as standard. The versatility and adaptability provided by the CORIOmatrix modular design helps integrators overcome the wide-ranging challenges of BYOD.



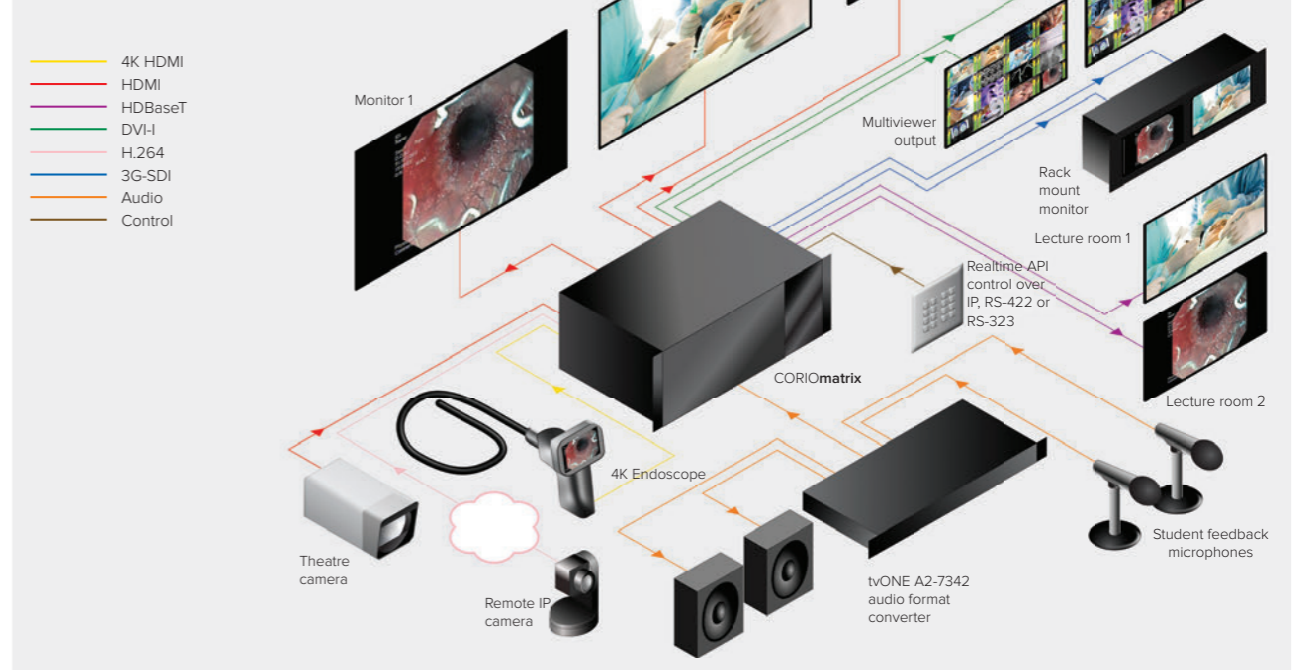
Compatible tvONE products



Installation examples:

Medical

Operating Rooms demand high-resolution video with ultra-low latency performance.



Custom and OEM Products

If your company has a unique application or requires somewhat different features than are available in our standard scan converter or video scaler models, we are experienced in providing custom products. tvONE has developed custom solutions for a large number of clients, for both high and modest quantity requirements. Past projects have ranged from providing minor software modifications to an existing model to designing and manufacturing completely new products for the mass market.

Events

Boost your performance or presentation. Multi-format inputs, low latency and LED wall compatibility will captivate your audience





Casino's all over the world have been relying on the Magenta Mondo Matrix to provide long distance, matrixed video for years



New York Stock Exchange relies on Voyager Fiber 24/7

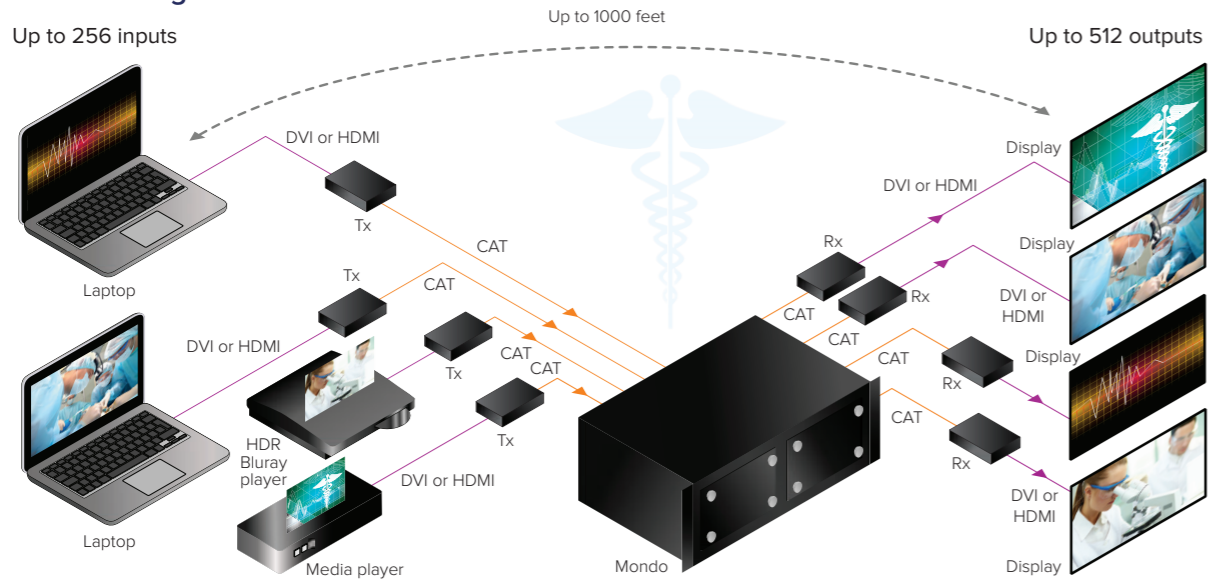
Large CAT Matrices – up to 256x512

The Mondo is the benchmark for AV switching over UTP and is available in many configurations ranging from 16x16 up to 256x512. It's the proven core of many mission critical installation world-wide that deliver flexible switching and long-distance extension of video, audio and control signals.

Simply add MultiView end points for an ultra-flexible building block approach and easily adapt to any installation footprint with guaranteed performance up to 1200 feet (365m).



Medical college with Mondo

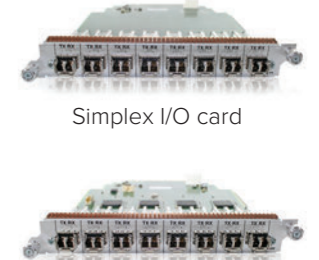
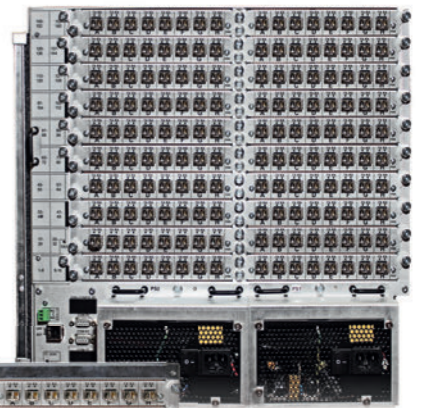


Large Fiber Matrices – 1000+ ports

Voyager is a high-performance system using fiber for short or long-haul transport of uncompressed 1080p/60 video. Options include single-mode (up to 18.75 miles / 30 Kilometers) and multi-mode (up to 6,600 feet / 2 Kilometers).

The VG-Matrix series is the beating heart of large deployments of up to 2,000 end points. The modular and scalable full cross point matrix switching platform is field configurable in increments of eight inputs and/or outputs up to 160x160 and beyond.

Simply add interoperable modular or compact form end points to your matrix for a limitless variety of end-to-end configurations for the distribution of uncompressed video, audio and RS-232 control signals.



Simplex I/O card



Duplex I/O card

Compatible MultiView products



Compatible Voyager products



Product Summary

Small HDMI 2.0 Switchers & Matrices - up to 8x8	Size	Inputs					Outputs					Resolution				Advanced Features				
		HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
MX-6544	4x4	✓					✓						✓					✓		
MX-6584	8x4	✓					✓						✓					✓		
MX-6588	8x8	✓					✓						✓					✓		
1T-SX-654	4x1	✓					✓						✓					✓		

Other Small Switchers & Matrices - up to 8x8	Size	Inputs					Outputs					Resolution				Advanced Features				
		HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
MX-8488	8x8	✓								✓		✓								
MX-5288	8x8		✓					✓				✓								
1T-MX-6344	4x4	✓					✓					✓								
1T-SX-644	4x1	✓					✓					✓				✓				
1T-SX-632	2x1	✓					✓					✓								
1T-C2-750	2x1		✓					✓				✓			✓	✓	✓	✓		✓
MX-3141PCA	4x1				✓					✓		✓	✓							
MX-3141CSVA	4x1				✓					✓		✓					✓			
AVT-6071	8x1	✓			✓		✓					✓	✓				✓			
C2-8000	12x2		✓					✓					✓		✓	✓	✓	✓		✓
C2-2855	6x1	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓		✓

Medium Matrices - up to 60 inputs or 24 outputs	Size	Inputs					Outputs					Resolution				Advanced Features				
		HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
CORIOmatrix	60*x24*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CORIOmatrix mini	18*x10*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Large CAT Matrices - up to 265x512	Size	Inputs					Outputs					Resolution				Advanced Features				
		HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
Mondo	256x512		✓		✓			✓		✓		✓	✓				✓			

Large Fiber Matrices - 1,000+ ports	Size	Inputs					Outputs					Resolution				Advanced Features				
		HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
Voyager matrix	500x500**	✓			✓		✓					✓	✓			✓	✓	✓		

* Modular matrices, this is max inputs or max outputs

**Voyager Matrix does not require equal number of inputs and outputs

*** Advanced features include windowing, logo insertion,


EXTEND

SWITCH

DISTRIBUTE

HDMI 2.0 and DisplayPort 1.4 extension - up to 328ft

Active Optical Cable Series
32-328 feet




MG-AOC-66x 4K60 HDMI 2.0 extension
MG-AOC-88x 8K60 DisplayPort 1.4 extension

Point-to-point HDBaseT extension up to 500ft

LX500 → 500ft
DX500
DX → 328ft

HDBaseT wallplate and compact receiver



MG-WP-61t: HDBaseT wallplate with HDMI, VGA and audio inputs
MG-CT-612: Compact form HDBaseT Receiver


HDMI 2.0 Matrix Switchers

MX-6588 4K60 8x8 HDMI 2.0 Matrix
MX-6544 4K60 4x4 HDMI 2.0 Matrix

Ultra-compact HDMI 2.0 Switcher


1T-SX-654 4K60 4x1 HDMI 2.0 Switcher

4K Universal Scaling Matrix Router



CORIOmatrix C3-340

4K Universal Scaling Matrix Router



CORIOmatrix mini C3-310

HDMI 2.0 Distribution

1T-DA-682 4K60 1x2 Splitter
1T-DA-684 4K60 1x4 Distribution Amplifier
1T-DA-688 4K60 1x8 Distribution Amplifier

Ultra-slim form factor

MG-DA-612 4K60 1x2 Splitter
MG-DA-614 4K60 1x4 Distribution Amplifier
MG-DA-618 4K60 1x8 Distribution Amplifier

HDMI & DVI Distribution

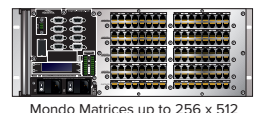
1T-DA-672 1x2 HDMI Splitter
1T-DA-674 1x4 HDMI Distribution Amplifier
1T-DA-678 1x8 HDMI Distribution Amplifier
1T-DA-554 1x4 DVI Distribution Amplifier
1T-DA-552 1x2 DVI Splitter

Magenta MultiView
Ultra-robust CAT6 matrix switching to 512 end points and distribution from 1 source to 729 displays

Point-to-Point CAT Extension - up to 1000ft

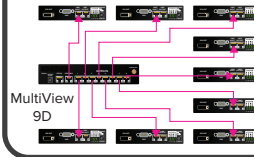
DVI/HDMI Transmitter
CAT to 1000ft
DVI/HDMI Receiver

CAT Matrix Switcher



Mondo Matrices up to 256 x 512

CAT Distribution




MultiView 9D

Magenta Voyager
Dependable fiber distribution and matrix switching to 2000+ end points

Fiber point-to-point extension - up to 18.75 miles

Compact Form Transmitter
Fiber 18.75 miles
Modular Transmitter
Compact Form Transmitter

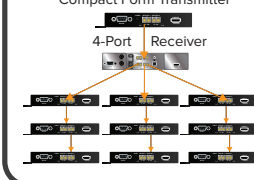
Fiber Optic Matrix Switcher



Fiber Matrices up to 320 ports
Also available in a 48 port version.

Fiber Optic Distribution

Compact Form Transmitter
4-Port Receiver




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