

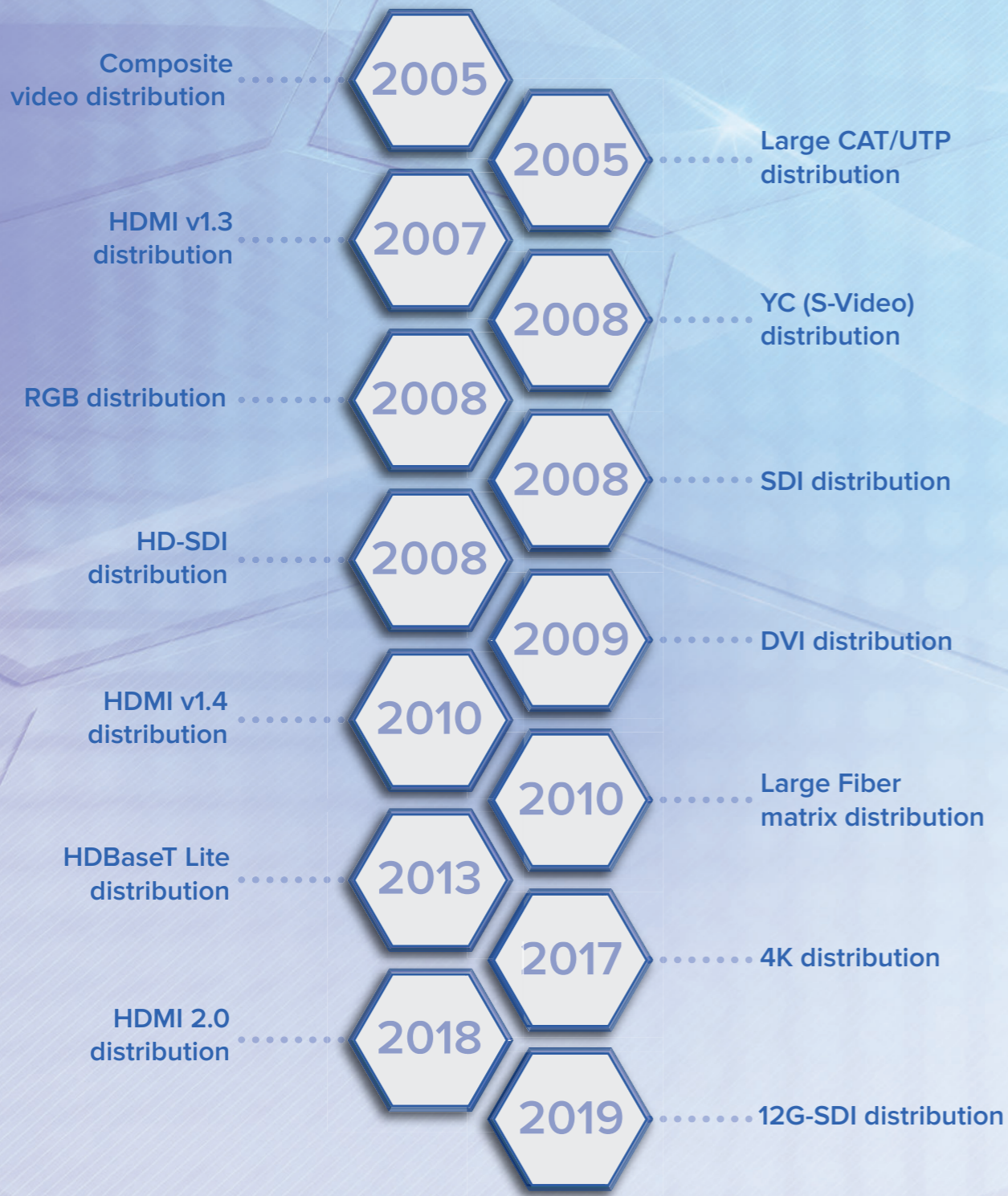
DISTRIBUTE

Distribution solutions for all AV signals

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



tvONE distribution product development timeline

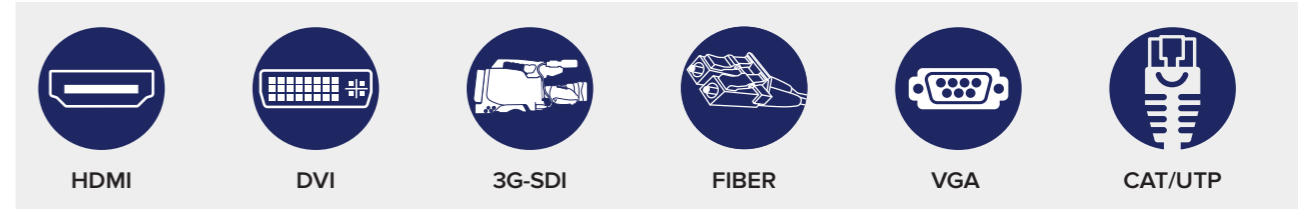


The tvONE difference:

Are you suffering from heart-stopping “AV moments”? Then step up to tvONE’s leading range of ultra-reliable splitters and distribution amplifiers 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.

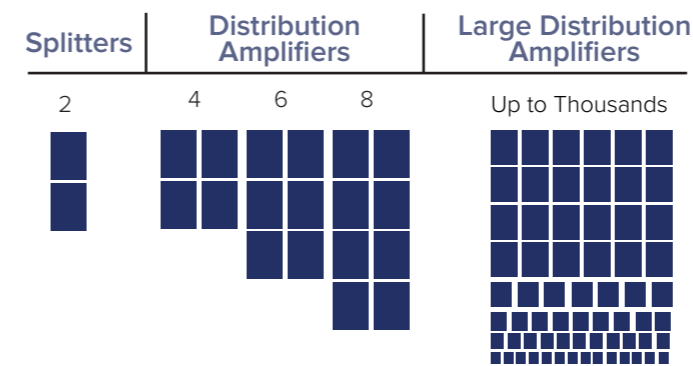
Source type:

tvONE offers a wide range of input and output types. What’s more, our splitter and distribution solutions are designed, manufactured and tested in real-world environments.

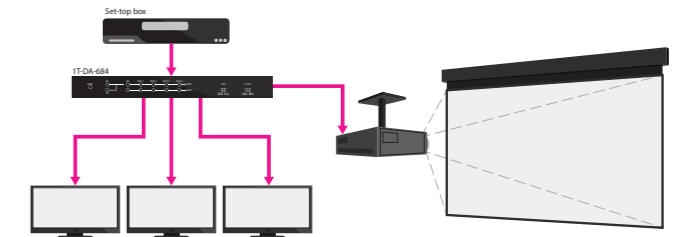


Number of outputs:

Choose from a number of outputs from two up to thousands!

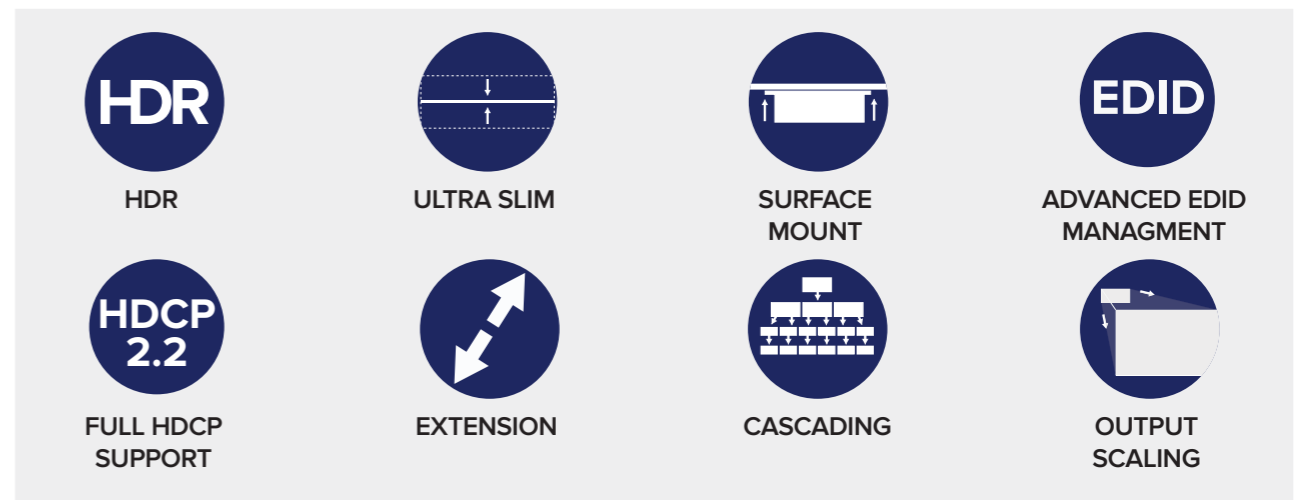


Four port distribution application



Additional features:

Choose the feature that you need for the perfect installation.





Simple Splitters and Distribution Amplifiers - up to 8 outputs

Our range of splitters and distribution amplifiers provide guaranteed performance and allow you to simply and easily distribute your content to up to eight displays.

HDMI 2.0 Distribution

Our range of 1T-DA-68x HDMI 2.0 solutions set the new standard for the distribution of 4K/60 video where you need life-like, deep color rendition.

1T-DA-682     1T-DA-684     1T-DA-688    



HDMI 2.0 Ultra-thin Distribution

Some applications demand ultra-thin 4K HDR, HDMI 2.0 distribution amplifiers that can be installed in the smallest of spaces while still complying with HDCP 2.2 protection. The MG-DA-61x series is ultra-compact in size at 18mm in height.

MG-DA-612     MG-DA-614     MG-DA-618    



Compatible tvONE products

HDMI 2.0 Matrices



HDMI 2.0 ultra-compact switcher




Simple Splitters and Distribution Amplifiers - up to 8 outputs (continued)

We provide a host of other solutions for small and medium requirements in a range of other source types.

HDMI Distribution

Our HDMI 1.4 Splitters and Distribution Amplifiers support Deep Color and a range of resolutions up to 4K for HDMI signals as well as support DVI using cable adaptors.

1T-DA-672   1T-DA-674   1T-DA-678  



DVI Distribution



DVI Extenders can send DVI signals over much greater distances than when just using standard cables.



12G-SDI Distribution



Facilitate 12G-SDI workflows and take full benefit of 4K broadcast sources.



HDBaseT



Perfect for small multi-screen installs - take a single HDMI source to seven displays.



Analog



Although digital AV is king there are still a myriad of analog installs.



Compatible tvONE products



End-to-end solution for managing and distributing HDMI 2.0 signals

Combine tvONE extension, switching and distribution solutions to create compact, interoperable and proven solutions. In this small House of Worship application tvONE reliably extends signals using Active Optical Cables, utilizing a compact 4-port switcher for source selection before distributing the signal to the audience for viewing through a projector and side monitors.

Simple to install, compact & easy to use...

With space at a premium the 1T-SX-654 HDMI auto-switch combined with a 4-port HDMI Distribution Amplifier takes up less space than 1RU of shelf space yet, offer the highest quality and simple operation.



1T-SX-654



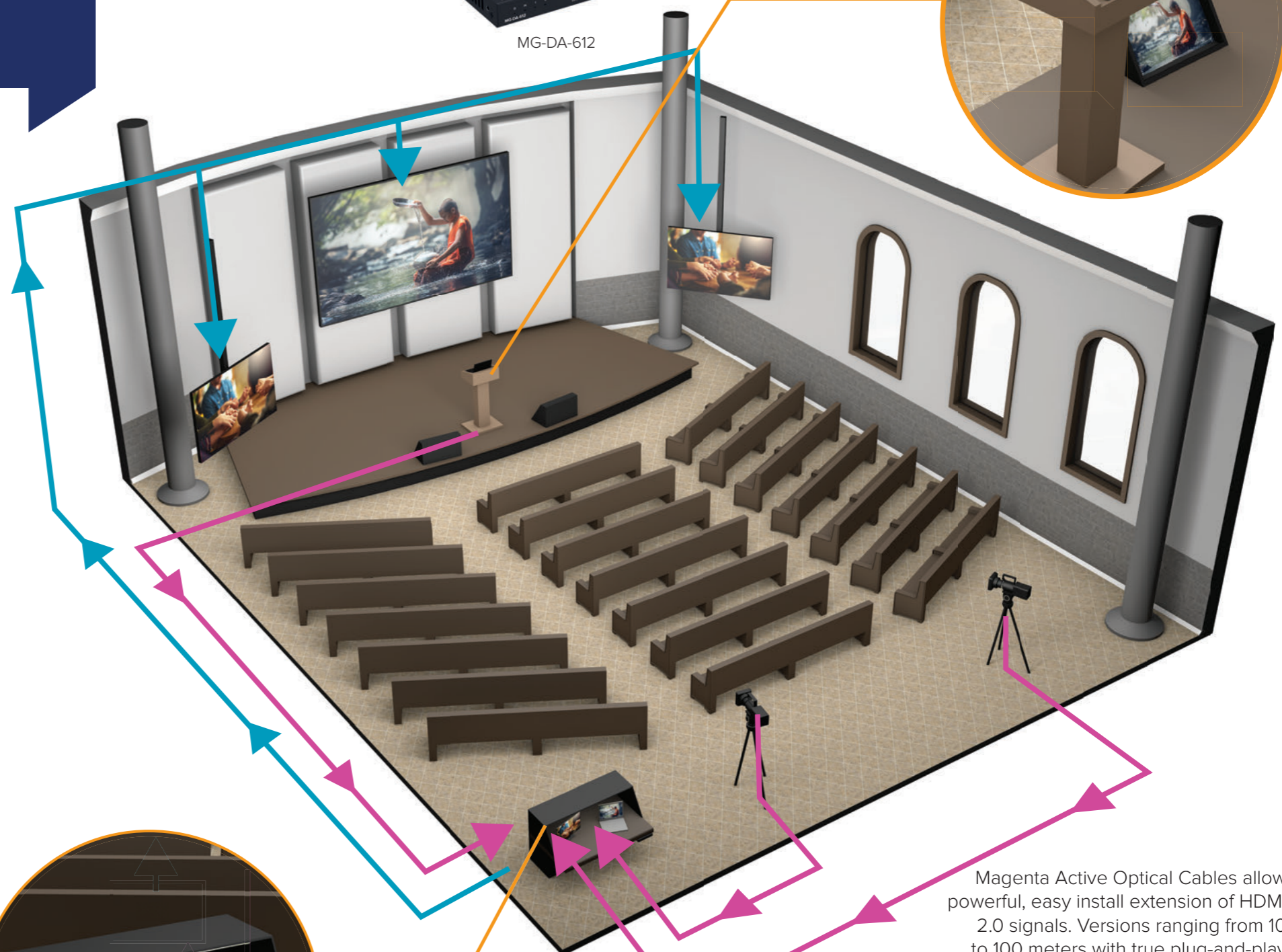
MG-DA-614



The client required a presenter confidence monitor in a compact lectern. An ultra-slim splitter was deployed which can fit even in the smallest of spaces.



MG-DA-612



Magenta Active Optical Cables allow powerful, easy install extension of HDMI 2.0 signals. Versions ranging from 10 to 100 meters with true plug-and-play performance are perfect for every application.



Active Optical Cables

32ft
150ft



Large extension distribution systems - up to 1000's of outputs

CAT

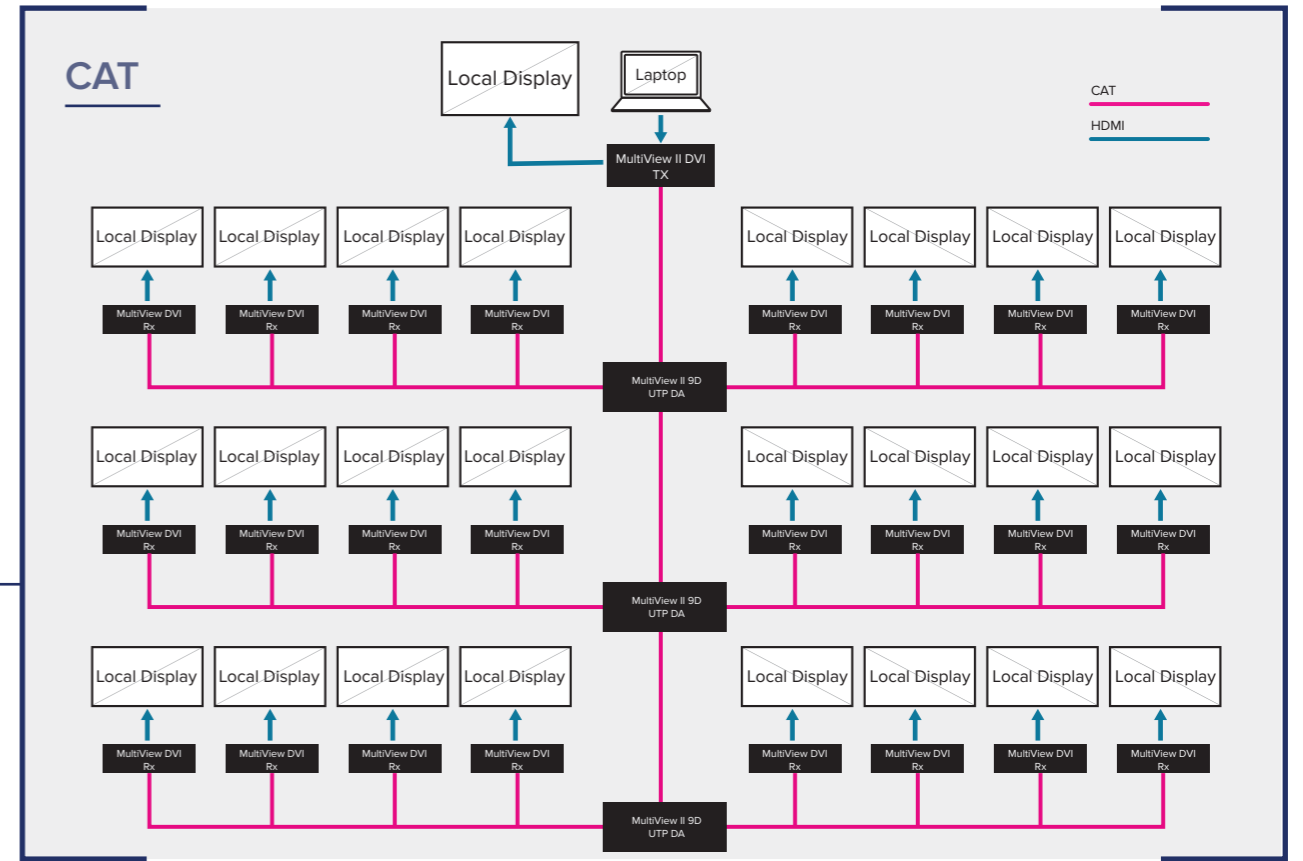
MultiView is the benchmark for medium and large-scale AV distribution and is available in many configurations. MultiView 9D splits the UTP output from any MultiView transmitter into 9 CAT outputs that can be connected to MultiView receivers, daisy-chain of receivers, distribution amplifiers, or matrix switchers up to 729 displays.



Compatible Products



1. Standard Analog Tx
2. Analog Extended Range Tx
3. Analog Four port Tx
4. Eight port Analog Tx
5. DVI Tx
6. 600ft Analog Rx
7. 1200ft Analog Rx
8. 1000ft DVI Rx



Fiber

Voyager is a high-performance system using fiber for short or long-haul transport of uncompressed 1080p/60 video.



Four Port End Points

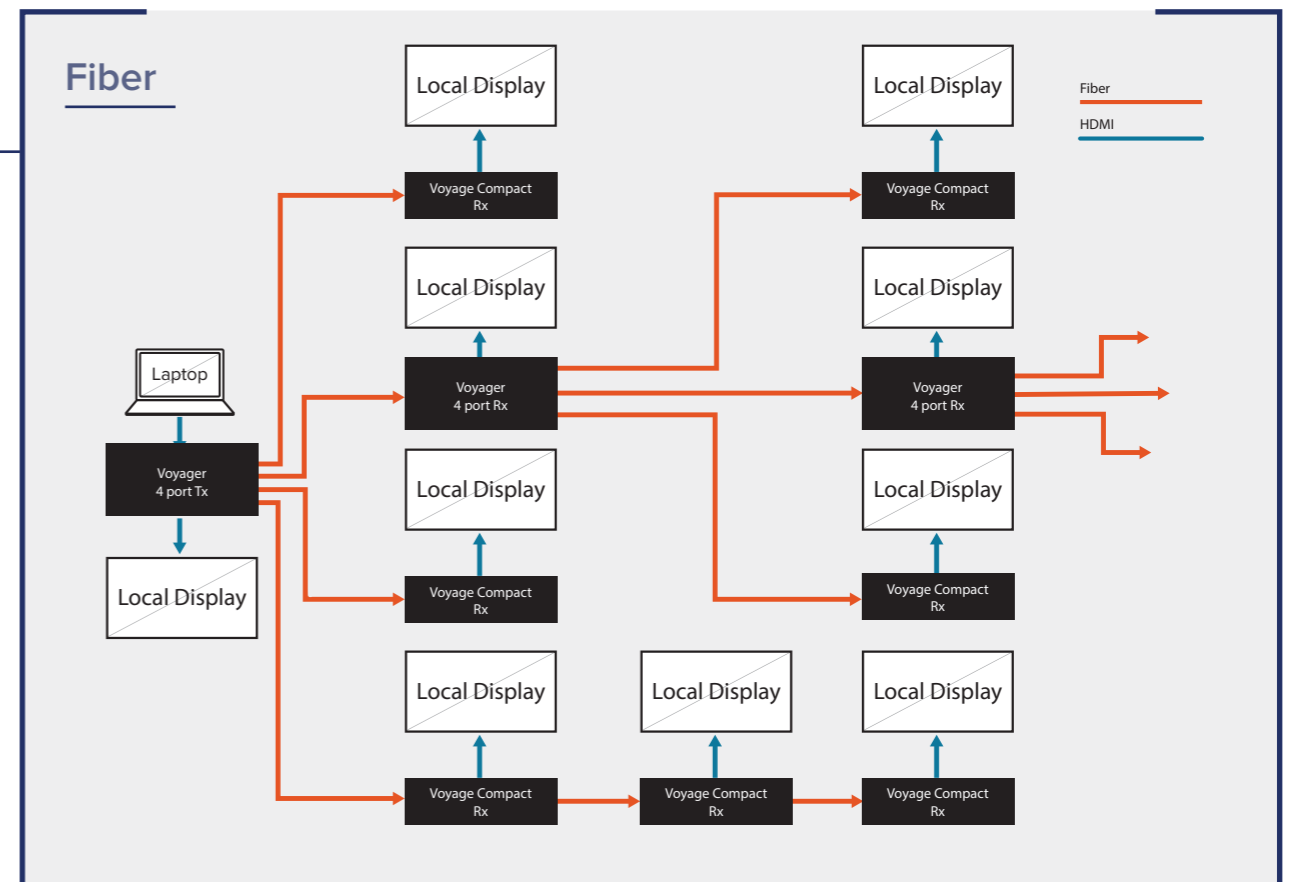
Four port transmitters and receivers can be used as building blocks to build small, medium and large cascaded systems in hundreds of configurations.



Matrices

The VG-Matrix series is the beating heart of large deployments of up to 2,000 end points. The modular and scalable platform is field configurable in increments of eight ports where every port can be an in or an output.

Voyager family products



Product Summary

Product	Description	Signal			Outputs	Cascadable	Audio	Resolution			Distance			
		HDMI	DVI	VGA and Analog				720x576	1080p/60	UHD 4K	to 165ft	to 500ft	to 1200ft	to 18 miles
MG-DA-621	Ultra slim 1x2 HDMI 2.0 Splitter	✓			2		✓			✓	✓			
MG-DA-614	Ultra slim 1x4 HDMI 2.0 Distribution Amplifier	✓			4		✓			✓	✓			
1T-DA-682	1x2 HDMI 2.0 Splitter	✓			2		✓			✓	✓			
1T-DA-684	1x4 HDMI 2.0 Distribution Amplifier	✓			4		✓			✓	✓			
1T-DA-688	1x8 HDMI 2.0 Distribution Amplifier	✓			8		✓			✓	✓			
1T-DA-672	1x2 HDMI Splitter	✓			2		✓		✓		✓			
1T-DA-674	1x4 HDMI Distribution Amplifier	✓			4		✓		✓		✓			
1T-DA-678	1x8 HDMI Distribution Amplifier	✓			8		✓		✓		✓			
1T-DA-552	1x2 DVI Splitter		✓		2				✓		✓			
1T-DA-564	1x4 DVI Distribution Amplifier		✓		4		✓		✓		✓			
1T-VGA-412	1x2 VGA Splitter				2			✓	✓			✓		
1T-VGA-414	1x4 VGA Distribution Amplifier				4			✓	✓			✓		
AVT-4714	1x4 CV Splitter				4		✓	✓				✓		
1T-CT-647	1x8 HDBaseT DA	✓			8		✓			✓		✓		
MultiView T4	1x4 CAT transmitter				4		✓		✓				✓	
MultiView 9D	1x9 CAT DA	✓	✓	✓	729	✓	✓		✓				✓	
Voyager 4-port Transmitters	1x4 Fiber optic Transmitter	✓		✓	1,000+	✓	✓		✓					✓
Voyager Matrix	Fiber	✓		✓	1,000+	✓	✓		✓					✓

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


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-611: 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

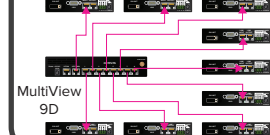
DVI/HDMI Transmitter
CAT to 1000ft
DVI/HDMI Receiver

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

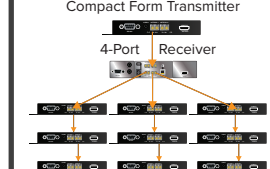
Fiber Optic Matrix Switcher



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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