

Comparison of Presentation Recorders vs. the Telepresenter M4

Products for Demanding Applications and Products which make Presentation Capture Affordable

The Telepresenter M4 is NCast's (and the industry's) highest performing, high-definition recording and streaming device designed for presentation capture and recording. For the most demanding applications requiring 1080p or 1920x1200 resolutions at full frame rate, the M4 is the machine that will get the job done.

Not every application requires this level of performance, so NCast has introduced the Presentation Recorder series of products, which make presentation capture or lecture capture and streaming affordable for any budget. Delivering hi-def 720p archives and streams, these products address a broad range of needs for universities and colleges, enterprises and organizations, and houses of worship. The price point of a Presentation Recorder will enable widespread rollout of the product on campuses and in organizations.

The main difference between the two products is the maximum resolution which can be streamed or recorded: 1080p in the case of the M4 and 720p for the Presentation Recorders. Other differences may appeal to one application scenario or another – great flexibility and unmatched features for the M4 vs. low-power, compact size for the Presentation Recorder.

And, of course, there's price. The \$11,995 MSRP of the Telepresenter M4 is a tough sell for K-12 installations and houses of worship, but \$4995.00 for the Presentation Recorder makes it a drop-in.

The chart on the next page is a summary of the principal feature differences between the two units.

If you have any questions, please call 408-541-9230 and ask to speak to a salesperson.

About NCast:

NCast Corporation provides industry-leading solutions for the capture, distribution, and archiving of high-resolution, mixed-media content such as rich-media presentations or annotated high-resolution graphics. NCast's 4th-generation Telepresenter™ M4 simplifies the mixing of audio, high definition (HD) video, and any high resolution RGB/DVI source, with PIP capability, into one rich-media file for webcasting or playback. The Telepresenter™ is used in applications such as presentation capture, live and on-demand training, telemedicine, distance learning, and podcasting.

Contacts:

Hank Magnuski - NCast Corporation
408-541-9230 x205

Presentation Recorder – Telepresenter Comparison Chart

Feature	PR-720	M4	Note
Maximum Input Resolution	1920x1200	1920x1200	How large of an image can be input
Maximum Recording/Streaming Resolution	1280x720	1920x1200	How large of an image can be recorded/streamed
Max Frame Rate	30	60	Maximum capture rate and maximum frame size
Video Inputs	2	2	Composite and S-video inputs
VGA Input	2	1	RGB Input
DVI Input	1	1	DVI input
HDMI Input	1	0	HDMI Input
Balanced Audio XLR Input	1	0	Balanced XLR Input
USB Audio Support	No	Yes	Audio input from USB devices
Display Output	Component	VGA	Display output connections
Display Output while Recording/Streaming	Disabled	Enabled	Local display loopback of composite image
Widescreen/EDID Display Support	No	Yes	Automatic detection of all widescreen display modes
Hi-Def 1080i	No	Yes	Capture Hi-Def 1080i images
Hi-Def 720p	Yes	Yes	Capture Hi-Def 720p images
Live MPEG-4 Streaming	Yes	Yes	Streams MPEG-4 Part 2
Live H.264 Streaming	Yes	Yes	Streams MPEG-4 Part 10 (H.264) (Flash compatible)
Streaming Clients	None	25	Locally connected unicast streaming clients
Audio Streaming	AAC	AAC	Streams AAC audio
Transcode to H.264 Formats	No	Yes	Post session transcoding to multiple H.264 formats
Transcode to VC-1 Option	No	Yes	Post session transcoding to Windows VC-1 formats (M4W)
Transcode to Theora Format	No	Yes	Post session transcoding to Theora
Full-duplex Streaming	No	Yes	Full-duplex operation
Collaboration Mode	No	Yes	Collaboration mode operation
NWay Multicast Bridging	No	Yes	NWay multicast bridging support
Channel Presets	25	100	Templates for layout and session parameters
Graphics Overlay Support - .png	Limited	Yes	Overlay images in .png format
Graphics Overlay Support - .jpg, .gif	Limited	Yes	Overlay images in .jpg, .gif format
Dynamic Text Overlays	Limited	Yes	Dynamic text overlays
Event Email notifications	Yes	Yes	Send emails on uploads, transcode completions, errors
Preview page and thumbnails	Limited	Yes	Preview captured image on the web page
Archive Local Playback	No	Yes	Locally play back archived recordings on attached display
Trash Can	Yes	Yes	Trash can for temporary storage of deleted items
MP4 Optimized Layout and Hint tracks option	Yes	Yes	Optimizes mp4's for progressive download
Serial Command and Control	Yes	Yes	RS-232 and IP Serial command control
Serial Caption and Chapter Commands	Yes	Yes	Serial commands for capturing captions and events
Secure FTP Upload	Yes	Yes	Secure SFTP upload protocol
(S)FTP Upload per Channel	Yes	Yes	Allows multiple upload sites
RTSP Announcements per Channel	Yes	Yes	Easy setup for multiple streaming servers
Scheduler	Yes	Yes	Google Calendar/iCal scheduling
Configuration Save & Restore	Yes	Yes	Save and restore all setup information
Channel Save & Restore	Yes	Yes	Save and restore a single channel
CPU	ARM + DSP	Quad-Core	CPU Capabilities
Storage Capacity	32GB	500 GB	Archive storage available
Solid State Disk	Yes	No	Solid State Disk, No moving parts
Power Consumption	30W	150W	Power Consumption
Software Release	Rev. 6.1.8	Rev. 5.2.2	Software release level
List Price	\$4,995.00	\$11,995.00	List Price (M4W \$13,495.00)