MEDIACAST ONLOCATION

MODELS:
ONLOCATION / PRO / HD
ONLOCATION-DESKTOP / PRO / HD

MediaCAST® OnLocation™ is an encoding, live broadcasting and content conversion station.
Available as a turn-key mobile cart, a rack-mount encoder or as a stand-alone desktop.

OVERVIEW.

As an enclosed mobile cart, OnLocation is easily rolled around giving you everything needed to video broadcast and record special events, staff training and other presentations. Live broadcasts originating from OnLocation are available within MediaCAST in the digital repository and from its Live TV menu. Recorded and live sessions can be searched within the repository and many people can view them simultaneously on-demand. The live broadcasts can be made available over the organization's network and the Internet.

OnLocation provides the capability to convert traditional analog media into one or more digital streaming formats. The streaming formats are industry-standard and optimized for IP delivery from broadband to HD quality. Its built-in multi-drive allows easy upload of video files from external media cards used in digital cameras and camcorders. The station converts traditional media including VHS tapes and DVD as well as transcodes video files into optimized streaming format.

ONLOCATION PREMIUM CART.

Mobile Enclosed Cart Including
-OnLocation encoder rack-mount
-Steel cart with locking F/R door, F Plexiglas and R vented metal doors, (4) 4" swivel casters with 2 locking, wrinkle powder epoxy finish, laminate work surface.
-19" LCD w/built-in speakers on articulating desktop-mount arm with horizontal swing and vertical pivot
-14RU 19" equipment rack with mounting rails
-VCR/DVD record deck with rack-mount kit
-A/V switching functionality (between video/audio inputs)
-Desktop mounted adjustable height/swivel camera monopod
-Rack-mount 3U storage drawer
-Keyboard and mouse
-All interconnection cabling, multi-outlet surge protector
-Step-by-step quick reference cards and video tutorial

SUPPORTED FORMATS.

OnLocation supports a full-range of industry-standard video and audio formats. All models support several formats and are field upgradable through new software codecs and swappable encoding modules for future-proofing of the hardware investment.

Video/Audio Encoding
-H.264/AVC
-Windows Media
-Flash and On2 VP6
-Mpeg 1/2/4
-WebM coming soon

Additional optional formats supported for conversion of files
-QuickTime
-AVI

MediaCAST OnLocation is a high-performance encoding station used to broadcast events live, record for later on-demand viewing and convert traditional VHS/DVD media into streaming formats.

OnLocation rack-mount and desktop models shown

OnLocation Models:

ONLOC (full mobile cart)

ONLOC-ENC (rack-mount encoder)

ONLOC-ENC-D (desktop encoder)

ONLOC-PRO (full mobile cart)

ONLOC-PRO-ENC (rack-mount encoder)

ONLOC-PRO-D (desktop encoder)

ONLOC-HD (full mobile cart)

ONLOC-HD-ENC (rack-mount encoder)

ONLOC-HD-D (desktop encoder)

SPECIFICATIONS.

Stream Performance
-SD: 480p, 720x480/640x480, 30fps, 128kbps up to 8Mb/s bit rates for broadband to DVD-quality viewing
-ONLOC HD: 1280x720 (720p) to 1920x1080 (1080p), 4Mbps to 8Mbps for HD-quality. HD model also supports SD resolutions at lower bit-rates
-Live transport stream port assignment and redirection through centralized Media Appliances supported

Hardware
-4U rack-mount chassis or slim desktop design
-Intel Core i3 CPU with 4GB RAM (HD i5 CPU)
-500GB hard drive with front load slide-out carrier
-All-in-one card reader (SD/miniSD, MMC, Memory Stick, Compact Flash)
-Built-in DVD Burner Dual-Layer

Video/Audio Inputs
-Composite, S-video Y/C (BNC/mini-DIN), Component (BNC), balanced stereo audio (2xXLR), unbalanced stereo (2xRCA)
-PRO: Composite, S-video Y/C (BNC/mini-DIN), w/balanced stereo audio (4xXLR), unbalanced stereo (2xRCA)
-HD: SDI/HD-SDI (BNC) w/embedded 16 ch audio

Outputs
-VGA for console display
-Ethernet 100/1000MB, static/DHCP
-USB Ports: 4 rear, 2 front

Dimensions/Weight
Mobile Cart: 35" (H) x 23" (W) x 22" (D), 95lbs.
Rack-mount: 7" (H) x 16 7/8"" (W) x 17.7" (D), 35 lbs.
Desktop: 2.67" (H) x 15.35" (W) x 13.7" (D), 9 lbs.

Optional Accessories
-HD Camcorder or HD Pro Camcorder
-2 Channel (or 4 Ch) wireless microphone system with 2 handheld (or 4 handheld) and 1 lapel microphone and body pack with audio amplifier