

# TransForm N Multimedia Terminal (3rd generation)

Easy to use 3rd generation compact video wall controller



Barco's TransForm N Multimedia Terminal is a hybrid video wall controller perfectly suited for monitoring both baseband and networked video sources purposes. It enables customers to capture sources (networked sources, local DVI/RGB inputs and analog video inputs) from anywhere and display them on a video wall in combination with high resolution 3D images. The flexibly configurable TransForm N Multimedia Terminal can either be integrated as a perfectly matching output node in a TransForm N solution, or it can be used as a standalone Video Wall controller with Barco's CMS control room management software running on it. A fully qualified platform for Barco's advanced CMS control room management software, TransForm N Multimedia terminal allows to organize display content (including 3D accelerated content) in a smart way to enhance knowledge and improve decisionmaking.

### **Possibility to integrate into networked visualization system**

TransForm N Multimedia terminal can be used within a TransForm N networked visualization system, capable of controlling multiple video walls. This offers customers a complete overview of data, while providing them with interaction and collaboration possibilities. As such, information can be shared between multiple sites, making crucial information omnipresent throughout your organization and beyond.

### **Features:**

- Pre-installed CMS control room management software (optional)

- Large Windows 7 desktop
- High-end 3D graphics acceleration
- Up to 32 HD outputs through Barco's OverView OL, OVL and MVD video walls
- High input density
- Universal IP streaming video decoding
- Baseband capture cards for analog video and DVI/RGB inputs
- Local application support
- 4th generation Intel(R) Core (TM) i7 quad core processor for concurrent application processing and software based media decoding

**Product specifications****TRANSFORM N MULTIMEDIA TERMINAL (3RD GENERATION)****General specifications**

OS	Windows 7 Ultimate 64bit
Software	CMS with 1x Display, 5x Sidebar and 36 Viewer licenses (optional)
Processor	Intel(R) Core(TM) i7 Quad core 3.6GHz processor
Memory	16/32/64 GB RAM
Hard disk	320GB Raid-1
Optical drive	DVD R/W
Network	2x 1Gb/s LAN
Graphics card	High-performance NVIDIA Quadro series cards (Horizontal and vertical resolution max 4000 pixels per output)
Output	Up to 8 HD displays through DCB-100 DVI splitcard Up to 32 HD displays through multiple GPU's and Barco loop-through displays (OL, OV and MV series) (Limited by the max. Horizontal and vertical resolutions of 4000 pixels per output)
Input	Up to 2x 2ch DVI-I input card (supporting resolutions up to 1920x1200 @60Hz) Up to 2x 1ch DVI-D input card (supporting resolutions up to 2560x1600 @60Hz) Up to 3x 8 channel analog video input cards Up to 24 Streaming video IP video sources (see supported codecs list)
Configurations	Flexible system configurations with up to 6 input/output cards Optionally CMS pre-installed on the unit Optionally without CMS, if used as an output node with local sources in a TransForm N system
Form factor	4U housing for 19" rack
Power supply	Redundant 800W, 100-240V, 50/60Hz
Temperature range	0°-40°   32°-104°F
Humidity	Max. 80% (non-condensing)
Noise Level	max. 48dba (measured 22°C/72 F at 1m/3.28ft distance)
Regulation Compliance	CE,CB, IEC 60950-1, ETL, FCC Class A

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