

TransForm NSD (3rd generation)

Easy to use compact video wall controller



Barco's TransForm NSD is a compact video wall controller perfectly suited for monitoring both baseband and networked video sources. 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 NSD 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 (powered by Barco's CMS control room management software).

A fully qualified platform for Barco's advanced CMS control room management software, TransForm NSD allows organizing display content (including 3D-accelerated) in a smart way to enhance awareness and improve decision-making.

Possibility to integrate into networked visualization system

TransForm NSD can be used as a multimedia terminal within a networked visualization system, capable of controlling multiple video walls. This offers customers a complete data overview, 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.

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Available configurations

TransForm NSD can be used in two types of configurations:

- As a standalone video wall controller, using CMS Control room Management Software
- As an output node, part of an existing TransForm N installation: the CMS Control room Management Software is then running on a separate server, managing all TransForm N components

TransForm NSD can be freely configured, but is also available in a series of pre-configured packages:

- Different combinations of inputs and outputs
- Bundled with an LCD video wall, with all peripherals and cabling for a complete control room in a single package

Available as a control room package

To make the selection simpler, Barco also offers complete packages, containing this controller (with the needed software), and a number of optional components. This includes a tiled LCD video wall, wireless presentation system, and/or free-standing structure. In this way, you can order your complete control room in one complete package.

Product specifications**Transform NSD (3rd generation)**

| | |
|------------------------------|--|
| Platforms | NGP-400 CMS-200 |
| OS | Windows-7 64bit Ultimate Version |
| Software | Control Room Management Suite CMS (optional) If selected, the CMS package includes: - 1x CMS Server pre-installed on the unit - 1x CMS Display License - 5x CMS Sidebar Licenses - 36 CMS Viewer Licenses |
| CPU | Intel Core i7 Quad Core Processor |
| CPU frequency | 3.7 GHz (up to 3.9GHz) |
| Memory | 16/32/64 GB RAM |
| Hard disk | 320GB Raid-1 |
| Optical drive | DVD R/W |
| Network | 2x 1Gb/s LAN |
| Graphics card | Up to 4x high-performance NVIDIA Quadro-series cards Each card provides 2x UHD outputs DVI-DL or Display Port 1.2 models available |
| Output | Up to 8/16 HD displays (DVI-SL) using 1 or 2 DCB-100 splitcards Up to 32 HD displays (DVI-DL, DP1.2) with multiple Graphic cards and Barco loop-through displays |
| Input | Up to 4x 2ch DVI-I input card (supporting resolutions up to 1920x1200 @60Hz) Up to 4x 1ch DVI-DL input card (supporting resolutions up to 2560x1600 @60Hz) Up to 4x 8 channel analog video input cards Up to 24 Streaming video IP video sources (see supported codecs list on website) |
| Performance | 350 Vcores |
| Form factor | 4U housing for 19" rack |
| Power supply | 100-240V, 50/60Hz, 800W, redundant |
| Temperature range | 0°-40°C 32°-104°F |
| Humidity | Max. 80% (non-condensing) |
| Noise Level | Max. 48dba (measured at 1m/3.28ft distance at 22°C/72°F) |
| Regulation Compliance | CE,CB, IEC 60950-1, ETL, FCC Class A, CCC, BIS |
| Available models | Fixed configuration models DVI (DP1.2 in preparation) |

Last updated: 03 jul 2015
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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