

TransForm NSD-420

Single Display video wall controller



TransForm NSD-420 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 with high resolution 3D images on a video wall in combination. The flexibly configurable TransForm NSD-420 can either be used as a standalone video wall controller, powered by Barco's CMS control room management software, or act as a perfectly integrated display node for a video wall in a networked TransForm N solution.

As a fully qualified platform for Barco's advanced CMS control room management system, TransForm NSD 420 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-420 can be used as a display controller running all types of Windows 10 or Windows 7 based local applications and at the same time being part of a TransForm N 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.

Available configurations

TransForm NSD-420 is available in several types of freely configured and pre-configured configurations:

- As a standalone single display video wall controller, running the full CMS

- As a standalone single display video wall controller, running the full CMS Control room Management system in a single box.
- As a Single Display node in a TransForm N installation, running only the client parts of CMS on the NSD-420, and being part of a centrally managed TransForm N installation.
- As an Application Node in a TransForm N installation, where the graphical output of any Windows applications is transferred over the network to TransForm N Display Nodes.
- Preinstalled CMS control room management software
- Large Windows 10 or Windows 7 desktop
- High-end 3D graphics acceleration
- Up to 12 4K-UHD outputs
- High input density
- Universal IP streaming video decoding
- Baseband capture cards for Display Port, DVI/RGB, and analog video inputs
- Local application support
- Latest Intel (R) Core (TM) i7 hex core processor for concurrent application processing and software based media decoding

TECHNISCHE DATEN**TRANSFORM NSD-420**

Processor	Intel(R) Xeon(TM) Processor E5-2620v4 8-core 2.1GHz (max Turbo frequency 3.0GHz)
Speicher	32/64/128 GB
Festplatte	2x 480 GB Solid-State Disk SSD (Raid-1), or 2x 1000GB Hard Disk (Raid-1)
Betriebssystem	Windows 10 64-bit IoT Enterprise SAC
Software	Any CMS deployment, CMS Basic pkg is advised for standalone use
Netzwerk	2x 1Gb/s LAN
Grafikkarte	Up to 3 4-channel professional high-performance NVIDIA Quadro-series graphic cards
Ausgang	Up to 12 4K-UHD displays Up to 48 HD displays, using Barco loop-through capable displays
Eingang	Up to 5x 4ch DVI-I input card (supporting resolutions up to 1920x1200 @60Hz) Up to 5x 2ch DP1.2 input cards (supporting resolutions up to 4096x2160 @60Hz) Up to 5x 8ch AV input cards
Streaming-Video-Standards	H.264, MPEG2/4, MxPEG, MJPEG, V2D, H.263, VNC, ProServer -For all supported codecs see our continuously extended reference list of supported encoders -For supported number of sources see VCORE Check tool
Formfaktor	4U 19" Rackmount housing
Abmessungen	With handle: 482 mm (W) x 177 mm (H) x 522 mm (D) 18.9 in x 6.9 in x 20.5 in
Gewicht	19 -27 kg (24 -32 kg incl. packaging), depending on configuration
Stromversorgung	100-240V, 10-5 A, 50/60Hz
Temperaturbereich	0° -40°C 32° -104°F
Luftfeuchtigkeit	Max. 80% (non-condensing)
Geräuschpegel	Max. 50dbA (measured at 1m/32.8ft distance at 22°/72)
Konformität	CE,CB, IEC 609501, UL, FCC Class A, BIS
Bestell-Information	R983842000 TransForm NSD-420 Single Display video wall controller (configurable)

Generiert am: 23 Jan 2020

Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät. Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern. Die aktuelle Version dieser Broschüre finden Sie unter www.barco.com.