

TransForm N NSD-110

Networked Single Display video wall controller



Barco's TransForm N NSD-110 is a compact and cost-effective video wall controller perfectly suited for visualizing networked video sources next to Windows local based applications. It enables customers to capture networked sources from anywhere and display them on a video wall up to 4 HD.

Flexibly configurable platform

The TransForm N NSD-110 is flexibly configurable and 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 Windows 10 based display node for a video wall in a networked TransForm N solution.

As a fully qualified platform for running Barco's advanced CMS control room management software, TransForm NSD 110 allows organizing display content in a smart way to enhance awareness and improve decision-making.

Possibility to integrate into networked visualization system

TransForm N NSD-110 can be used as a display controller running all types of Windows 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 N NSD-110 can be freely configured and deployed serving multiple use-cases:

- 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-110, and



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- 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
- As a Pro-Gateway Node in a TransForm N installation enabling Interactive Websources and/or visualization of Proserver or VNC sources on multiple and any type of TransForm N Display Node

- CMS License activation ready preinstalled CMS software suite
- Large Windows 10 desktop
- High-end 3D graphics acceleration
- Up to 2 HD or 1 4K-UHD outputs
- Universal IP streaming video decoding
- Local application support
- Intel (R) Core (TM) i7 quad core processor for concurrent application processing and software based media decoding

Product specificaties

TRANSFORM N NSD-110

General specifications

Processor	Intel(R) Core(TM) i7 Quad core CPU 3.4GHz
Geheugen	16 GB RAM
Harde schijf	256 GB Solid-State Disk SSD
Besturingssysteem	Windows 10 64-bit IoT Enterprise
Software	Any CMS deployment, CMS Basic is advised for standalone use
Netwerk	2x 1Gb/s LAN
Grafische kaart	Intel HD Graphics 630 <ul style="list-style-type: none">• Up to 2x displays HD 1920x1200 @60Hz• Up to 1x display UHD 3840x2160 @60Hz
Uitgang	2x DisplayPort 1.2 (HDMI via optional Adapter)
Standaarden voor streaming video	H.264, MPEG-2/4, MxPEG, MJPEG, V2D, H.263, VNC, Pro-Server <ul style="list-style-type: none">• For all supported codecs see our continuously extended supported encoders reference list• For supported number of sources see VCORE Check tool
Vormgeving	60 x 190 x 190 mm 2.36 x 7.48 x 7.48 in (Packed: 230 x 260 x 308 mm 9.06 x 10.24 x 12.13 in)
Gewicht	2.2 kg (4.5 kg packed)
Voeding	External PSU 150W / 90 – 264 VAC / 47 – 63 Hz
Energieverbruik	Typ. 83W max. 110 W
Inschakelstroombegrenzing	174A @230V / 72.5A @115V
Warmtedissipatie	283 BTU/h
Temperatuurbereik	0° -40° C 32° -104° F
Vochtigheid	Max. 80% (non-condensing)
Geluidsniveau	Max. 32dbA (measured at 1m/32.8ft distance at 22°/72)
Naleving	CE, CB, UL, FCC Class A (CCC, BIS, CU-EAC contact Barco Sales)
Bestelgegevens	R9811009F NSD-110 Single Display Controller (EU Power Cable) R9811009B NSD-110 Single Display Controller (US Power Cable) R9811009G NSD-110 Single Display Controller (UK Power Cable) R9811009I NSD-110 Single Display Controller (CN Power Cable) R9811009X NSD-110 Single Display Controller (C13C14 Power Cable) R9811009 NSD-110 Single Display Controller (No Power Cable included) R9832730 TransForm N CMS Basic License SD (Pkg) R9832702 TransForm N CMS Viewer License R9832699 TransForm N CMS Sidebar License R9832703 TransForm N CMS API License R9832714 TransForm N CMS Localization License
Montage	R9811098 P110 VESA Mount (for 1x NSD-110 + 1x PSU) R9811099 P110 Rack Mount (for 2x NSD-110 + 2x PSU)

Laatst bijgewerkt: 08 Jul 2024

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