TransForm NSD-220

Networked Single Display video wall controller

- **CMS License activation ready preinstalled CMS software suite**

- **Large Windows 10 desktop**

- **High-end 3D graphics acceleration**

- **Up to 4 4K-UHD outputs**

- **Universal IP streaming video decoding**

- **Local application support**

- **Intel (R) Core (TM) i5-9500E 6-core processor 3.0GHz (4.2GHz max. Turbo frequency)**

TransForm NSD-220 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 combined in high resolution on a video wall up to 16 HD.

Flexibly configurable platform

The TransForm NSD-220 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, powered by Barco's CMS control room management software.

As a fully qualified platform for running Barco's advanced CMS control room management software, TransForm NSD 220 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-220 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. 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-220 can be freely configured and deployed serving multiple use-cases:• As a standalone Single Display video wall controller, running the full

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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-220, 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• As a Pro-Gateway Node in a TransForm N installation enabling Interactive Websources and/or visualisation of Proserver or VNC sources on multiple and any type of TransForm N Display Node

Product specifications	TRANSFORM NSD-220
General specifications	
Processor	Intel(R) Core(TM) i5-9500E 6-core processor 3.0GHz (4.2GHz max. Turbo frequency)
Memory	16 GB RAM
Hard disk	512 GB Solid-State Disk SSD
Operating system	Windows 10 64-bit IoT Enterprise
Software	Any CMS deployment, CMS Basic is advised for standalone use
Network	2x 1Gb/s LAN
Graphics card	4-channel professional high-performance NVIDIA Quadro-series graphic card
Output	Up to 4 4K-UHD displays Up to 16 HD displays with Barco loop-through displays
Streaming video standards	H.264, MPEG-2/4, MxPEG, MJPEG, V2D, H.263, VNC, Pro-Server ■ For all supported codecs see our continuously extended supported encoders reference list ■ For supported number of sources see VCORE Check tool
Form factor	3U ½ 19" Rackmount housing
Dimensions	131.5mm x 220mm x 305mm | 5.18" x 8.66" x 12.01"
Weight	5.8 kg (7.6 kg incl. packaging)
Power supply	100-240V, 8-4A, 50/60Hz
Power consumption	230W (max)
Temperature range	0° -40° C | 32° -104° F
Altitude	Up to 5000m (operation)
Humidity	Max. 80% (non-condensing)
Noise Level	Max. 35dbA
Compliance	CE, UKCA, CB/UL 60950/62368-1, ICES, CCC, FCC Class A Regulatory Model Id: P220
Order Information	R9822009 | NSD-220 Display Node (no power cable) R9822009B | NSD-220 Display Node (US) R9822009D | NSD-220 Display Node (IN) R9822009F | NSD-220 Display Node (EU) R9822009G | NSD-220 Display Node (UK) R9822009I | NSD-220 Display Node (CN) R9822009X | NSD-220 Display Node (C13/C14 power cable) R9821099 | Rackmount kit for 2x NSD-220 PRO/LITE R766042 | Pedestal mount kit for NSD-220 PRO/LITE 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

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