TransForm N Encoder Manager NEM-110

Central management for the NGS-D440 encoder

- **Network integrated**

- **Easy installation & configuration**

- **Central management**

Barco has extended the capability of the TransForm N (TFN) product range to support HDMI™ 2.0 compliant 4K60 AV sources through the NGS-D440 encoder. In TFN, the video walls were already centrally managed by the Barco Control Room Management Suite (CMS), now the NGS-D440 encoders can also be centrally managed via the Encoder Manager service, running on the NEM-110 appliance.

To deliver a setup, configuration and maintenance experience that is easy, reliable, and worry-free, the Encoder Manager service and NGS-D440 encoders rely on standard proven enterprise IT network services and protocols. The service is built as an IT-integrated software product to centrally manage AV sources, delivered into the TFN product range via dedicated NGS-D440 encoders.

Key features:

- Network IT-integrated   The Encoder Manager service running on the NEM-110 requires standard IT services (DHCP, DNS, NTP) to be available in the network during operation. This allows for easily changing the network configuration without the need to reconfigure the system. Furthermore, it easily provides access to the Encoder Manager service through its configured host name in your domain (no need to remember IP's). The Encoder Manager service can be accessed through a browser from any pc in the network.

- Easy installation & configuration   Because of the above-mentioned network integration, the device discovery is faster and simpler than ever. We've stripped away all complexity and only show the settings that matter for displaying your AV source. Additionally, it is very easy & fast to create a source via a utility button that can be used to identify a device.

- Centrally managed by NEM-110   The NGS-D440s are all centrally managed by a NEM-110, only in a TFN context, and thus can't operate stand-alone. This means that there's no need to worry about firmware upgrades; this is all handled through a single software instance, the Encoder Manager service, on the NEM-110.

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Product specifications	TRANSFORM N ENCODER MANAGER NEM-110
General specifications	
Processor	Intel(R) Core(TM) i7 Quad core CPU 3.4GHz
Memory	16 GB RAM
Hard disk	256 GB SSD
Software	Encoder Manager Service
Network	2x 1Gb/s LAN
Form factor	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
Weight	2.2kg Packed: 4.5kg
Power supply	External PSU 150W / 90 – 264 VAC / 47 – 63 Hz
Power consumption	Typ. 83W | max. 110W
Inrush current limiting	174A @230V / 72.5A @115V
Heat dissipation	283 BTU/h
Temperature range	0° -40° C | 32° -104° F
Humidity	Max. 80% (non-condensing)
Noise Level	Max. 32dbA (measured at 1m/32.8ft distance at 22°C/72°F)
Compliance	CE, CB, UL, RCM, BIS, CU-EAC, FCC Class A CCC contact Barco Sales

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