

# MNC-180

## Multi-View Network Compositor



- **Uncompressed video composition over IP**
- **Ultra-low latency**
- **Medical-grade**

### **Uncompressed and ultra-low latency video composition**

The Nexxis MNC-180 network compositor provides Nexxis-based, uncompressed and ultra-low latency video compositing capabilities for the hybrid operating room and cath labs. The MNC-180 appliance provides an easy to integrate capability to allow for large-screen compositing of up to 8 simultaneous video sources.

The Nexxis MNC-180 network compositor is part of Barco's Nexxis solution, which provides users with uncompromised networked visualization for the integrated operating room, cath lab and hybrid operating room environments. Nexxis adapters offer simplicity and flexibility in the OR while maintaining the highest possible performance standards and fitness for use in high-demanding medical environments.

The MNC-180 can be easily integrated in the Barco Nexxis environment via the central API provided by Barco's NMS 1.09 software or a higher version.

**PRODUCT SPECIFICATIONS****MNC-180**

|                   |   |
|-------------------|---|
| Software          | Integration: Nexxis Release 1.09 or higher  |
| Processor         | Intel(R) Core(TM) i7 Hex core 3.6GHz processor  |
| Memory            | 16 GB RAM   |
| SSD drive         | 128 GB  |
| Network           | 1x 40G QSFP connector   |
| Output            | 1x 4K network composition stream (for MNA-240 DEC)<br>1x HD network composition stream (for MNA-120 DEC)<br>1x thumbnail preview of composition |
| Input             | 8x Nexxis Encoder stream (up 1920x1200/60Hz per stream)   |
| Layouts           | Up to 8-slot layouts with customizable design   |
| Control           | Look-up table control per source  |
| Frame rate        | 60Hz  |
| Latency           | < 3 frames  |
| Security          | AES 128 encryption of all video, data & control signals   |
| IP standards      | Zeroconf, IPv4, IGMP, RTP, AES 128b, HTTP(s)  |
| Form factor       | 4U housing for 19" rack   |
| Power supply      | 350W, 100-240V, 50/60Hz with battery pack   |
| Temperature range | 0° -40°C   32° -104°F   |
| Humidity          | Max. 80% (non-condensing)   |
| Noise Level       | Max. 48dba (measured at 1m/32.8ft distance at 22°/72)   |
| Compliance        | CE,CB, IEC 609501, ETL, FCC Class A<br>Regulatory Model Id: NGP-410   |

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Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.