MCC-300-2HI-1SI-1HO-2SO-8F

- **CE Class I medical device**
- **Uncompressed visualizati on you can trust**
- **Video latency guaranteed not to exceed a single fra me**
- **Connect up to 16 addition al FHD interfaces or up to four 4K interfaces using e xternal fiber ports**
- **Fast deployment and low er TCO**
- **Best-in-class cybersecurity**
- **4K today, ready for 8K when you ar e**

NexxisCube

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Secure, compact all-in-one AV-over-IP solution for uncompressed audio and video routing Integration s olutions for the OR, Endoscopy Suites and Image Guided Rooms

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Integration solutions for the OR, Endoscopy Suites and Image Guided Rooms NexxisCube is a secure , compact, all-in-one CE Class I medical device that delivers uncompressed audio an d video over a fiber IP network. While Nexxis 2 addresses the complex integration needs of hybrid a nd general multi-functional ORs, NexxisCube is the ideal solution for cost-sensitive markets and surgical environments focused on select inva sive therapeutic endoscopy procedures.

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Complex integration made simple NexxisCube’ s compact, out-of-the-box design supports multiple inputs, outputs, and enables switching between sources and displays. All network complexity is hidden, which allows for a highly intuitive environment to manage sources and destinations.

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Scale at your own pace The Nexxis 2 modular software platform means functionality can be selected and installed according to clinical use. Automatic resolution management, centralized K&M control, RS232 and audio support, GPIO triggers and snapshots, dynamic thumbnails, Quad View, Composition Streamback, clone output, and loop through are just a few of the many features available. These capabilities help maintain flexibility when video I/O is limited. NexxisCube can expand clinical workflows through its external fibre ports, enabling connection of up to 16 additional FHD interfaces or up to four 4K interfaces. Fiber connectivity also supports longer cable runs than copper and is free from electromagnetic interference, helping keep the OR flexible, reliable, and ready for future integration needs.

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Secure and future-ready Designed for seamless integration with evolving imaging requirements such as 8K and innovative technologies, including wireless and AI-powered applications, NexxisCube is secure by design. It follows OWASP/ASVS security principles, with hardened, encrypted fiber streams and zero-trust access.

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技术规格	MCC-300-2HI-1SI-1HO-2SO-8F
型号	
MCC-300-1HI 2SI-3SO-8F	Inputs: 1 HI slot, 2 SI slots Outputs: 3 SO slots In/Out: 8 Fiber
MCC-300-2HI 1SI-3SO-8F	Inputs: 2 HI slots, 1 SI slot Outputs: 3 SO slots In/Out: 8 Fiber
MCC-300-2HI 1SI-1HO-2SO 8F	Inputs: 2 HI slot, 1 SI slots Outputs: 1 HO slot, 2 SO slots In/Out: 8 Fiber
一般规格	
Latency	When genlocked, the end-to-end latency is less than 5ms
Security	Min. AES 128 encryption of all video, data & control signals
Processing resolutions	Up to 4096x2160@60Hz
Color Depth	RGB 8-bit, YCbCr 4:4:4 8bit or YCbCr 4:2:2 10-bit
AVoIP Connectivity	8x SFP+ cages for pluggable 10GbE optical transceivers (duplex fiber), for usewith Barco Nexxis 2 encoders, decoders, displays and PCIe cards
Ethernet	4x RJ45 1GbE, 3x on the internal Nexxis Network, 1x uplink to the Hospital Network
USB	4x USB Type A
Audio	▪ Line-in: 1x 3.5mm TRRS jack by default and 1x 3.5mm TRRS jack per HIslot for stereo audio ▪ Line-out: 1x 3.5mm TRRS jack for stereo audio ▪ Other: 1x Speaker Out balanced stereo audio output (15W per channel, 8 Ohm) on 4-pin Phoenix connector
GPIO	2x 3.5mm jack TRRS connector for camera trigger and general IO
External power output	4x Isolated 12VDC, 45W out per port on 3-pins Phoenix connectors
Power rating	100-240 V +/-10%, 50/60 Hz, 8-4 A
Power consumption	▪ Max: 600W ▪ 300W
Size	410mm (W) x 400mm (D) x 88mm (H)
Weight	
Operating Temperature	Ambient : 5°C to 40°C (41°F to 104°F)
Operating Humidity	Max 85%
Storage Conditions	▪ Storage temperature: -20°C to 60°C (-4°F to 140°F) ▪ Storage Relative Humidity: 10% to 93% ▪ Storage altitude: 500 hPa - 1060 hPa
Acoustic Noise Levels	
Mounting	Accessory rack mounting kit available
Certifications	CB (IEC 60601-1) Informative report -CB (IEC 60950-1) -CE medical deviceclass I -UKCA BIS Registration, IS 13252 (part 1)
Standards	Medical Equipment: -IEC 60601-1:2005 + A1:2012 + A2:2020 -IEC 60601-1-6:2010 + A1:2013 + A2:2020 -IEC 60601-12: 2014+A1:2020 (Ed.4.1) -ANSI/AAMI ES 60601-1:2005 + A1:2012 + A2:2021 -CAN/CSA-C22.2No.60601-1:08 + A1: 14 (Reaffirmed 2022) -EN 60601-1:2006 + A1:2013 +A12:2014 + A2:2021 -EN 60601-1-6:2010 + A1:2015 + A2:2021 -EN 60601-1-2:2015 + A1:2021 (Ed.4.1) -FCC class B -ICES-001 Level B ITE Equipment:-IEC 62368-1:2018 -EN IEC 623681:2020 + A11:2020 -IS 13252 (Part1):2010
API	Nexxis 2 Management System
视频输入	
HI Slot	2x HDMI 2.0 (lockable connectors) capable
SI Slot	4x SDI (lockable connectors) supporting 3G SDI on SDI In 1,2,3,4 or 12G SDIon SDI In 1 or QUAD 3G SDI on SDI In 1, 2, 3 & 4
视频输出	
HO Slot	2x HDMI 2.0 (lockable connectors) capable of 4k (clone on both) or 2independent FHD
SO Slot	4x SDI (lockable connectors) supporting 4 independent 3G SDI on SDI Out1,2,3,4 or 12G SDI cloned on all

生成于：16 Oct 2026

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