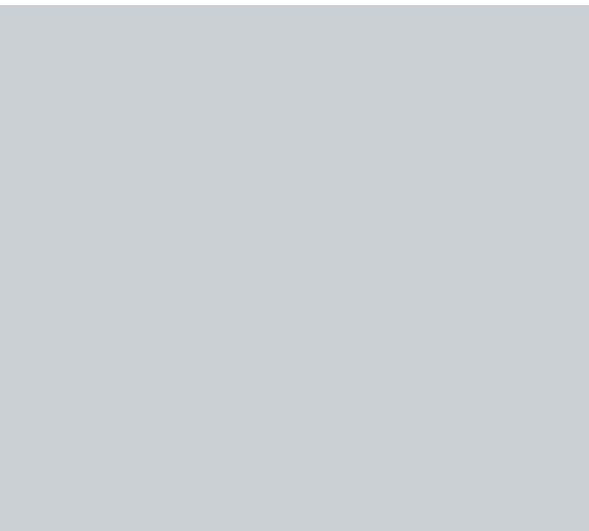# NGP-001

Display controller for Networked Broadcast Monitoring System

High-end graphical control unit

- Displays up to 64 video pictures on two screens

- Can scale all images up to the full output resolution, up to WUXGA (1920x1200 pixels)

- Features unlimited picture-in-picture

- Supports display of embedded audio for all SDI and HD-SDI video channels

- Integrated warning and alarm visualization, display of computer data, clocks,

- animated logos, counters, source identifications

Fully integrated - yet flexible - solution

- Ensures full control over each windowing position, size and content of the sources

- displayed through Barco's Broadcast Monitoring Suite software, which allows to configure,   store, retrieve and switch layouts

- Connects to any display device currently available e.g. CRT monitors, flat screens,

- rear projection modules, plasma displays etc. in 4:3 and 16:9 aspect ratio

- Communicates and exchanges information towards network management systems

- via SNMP traps through the control server

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Product specifications	**NGP-001**
General specifications	
Housing	▪ Industrial 4U rackmount PC housing ▪ Redundant hot swap power supply
Motherboard	▪ PCI-Express Intel® CoreTM 2 Duo 2,13 GHz based motherboard
JPEG-2000 decoding	▪ PCI-Express JPEG-2000 decoder board
Graphics card	▪ High-performance off-the-shelf graphics card (nVidia Quadro 4600)
Dimensions	▪ 19" industrial case, height in rack unit: 4U ▪ width case: 440 mm	17.32 inch ▪ width with fixation: 482 mm	18.98 inch ▪ depth case: 566 mm	22.28 inch ▪ depth with handles: 615 mm	24.21 inch ▪ height: 177 mm	6.97 inch ▪ height with rubber feet: 183 mm	7.20 inch
Weight	▪ standard, no cards (approx.) 18.0 kg	39.7 lbs ▪ redundant PSU, no cards (approx.) 20.5 kg	45.2 lbs
Mains	▪ power supply 100-240V, 50/60Hz ▪ power consumption redundant 2x 650W
Operating conditions	▪ 0-40°C	32 – 104°F at max. 80% humidity (non condensing)

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