

# NGS-105

4/8 channel high-resolution graphics input module



- Connectivity: 4 x DVI-D (Dual Link) connectors or 8 x Type A HDMI connectors
- 1 x GbE connections as service management connection
- 2 x GbE connections as redundant network connection with in-band management
- Designed with: Hot-swappable, front-accessible processing board
- Hot-swappable, front-accessible processing board    Rear-accessible passive connection board
- Rear-accessible passive connection board    Fits into Barco's NGC chassis
- Fits into Barco's NGC chassis

Product specificaties

NGS-105

General specifications

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingangen                     | <ul style="list-style-type: none"><li>Only RGB (24-bit processing) signals are supported (No HDCP support on HDMI input)</li><li>Input cable equalizer</li></ul>                                                                                                                                                                                                                                                                                                                                                                                               |
| Resoluties en framesnelheden | <ul style="list-style-type: none"><li>Up to WUXGA (1920x1200) for HDMI or DVI single link input, DDC</li><li>Up to WQXGA (2560x1600) for DVI dual link input, DDC</li><li>60fps supported up to UXGA (1600x1200). Higher resolutions are only supported at lower frame rates.</li><li>Resource spending depends on the used resolution, number of inputs and frame rate.</li></ul>                                                                                                                                                                             |
| Voorverwerking               | <ul style="list-style-type: none"><li>Progressive scan type</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alarmverwerking              | <ul style="list-style-type: none"><li>The NGS-105 can raise alarms based on video lock detection.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Encoder-systeem              | <ul style="list-style-type: none"><li>JPEG2000 encoder targeted at video, and high-bandwidth compression applications based on wavelet transformation</li><li>Provides fully compliant code stream generation (Tier1 and Tier2).</li><li>Non temporal compression for minimal latency</li><li>Flexibility from lossless to very low bit rate per source</li><li>State-of-the-art compression rate, I frame only</li><li>Tier 2 mechanism allows filtering and transrating without decoding</li><li>Inherent scaling perfect for display applications</li></ul> |
| Netwerkitinterface           | <ul style="list-style-type: none"><li>2x GbE connections as redundant streaming network connection</li><li>1x GbE connection as service connection</li><li>Multicast streams – IGMP3.0 standards</li></ul>                                                                                                                                                                                                                                                                                                                                                     |
| Energieverbruik              | <ul style="list-style-type: none"><li>Typical 50 Watt</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Afmetingen                   | <ul style="list-style-type: none"><li>Utilizes one slot of Barco's NGC chassis</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Systeemondersteuning         | <ul style="list-style-type: none"><li>NGS-105 is supported by Barco's Networked Broadcast Monitoring System (NBMS) and Barco's TransformN (TFN) solution.</li><li>Software integration into Barco's Broadcast Monitoring Suite (BMS) and Barco's Control room Management Suite (CMS)</li><li>Inputs can be visualized at any network point using either software decoding or hardware decoding.</li></ul>                                                                                                                                                      |

Laatst bijgewerkt: 08 Jul 2024

© 2024 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Als gevolg van voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Controleer [www.barco.com](http://www.barco.com) voor de nieuwste specificaties.

