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BASLER STANDARD GIGE INTERFACE CARDS

2200000720
Basler 10GigE Interface Card, 1 Port, standard



- 1, 2, or 4 ports
- Transfer speeds up to 10 gigabits per second
- Perfectly suited for Basler products such as GigE cameras and cables.

PRODUCT DESCRIPTION

Basler Standard GigE Interface Cards are designed to provide reliable and efficient data transfer between Basler GigE cameras and host PCs, ensuring seamless integration in machine vision systems.These PCIe cards come in various configurations, including 1, 2, and 4-port models, supporting data transfer rates up to 1 Gbps per port.They are compliant with IEEE 802.3 standards and support features like Jumbo Frames (up to 9.5 kB) and Precision Time Protocol (PTP) for synchronised imaging.The cards are compatible with PCIe 2.1 slots and are designed for use in environments with operating temperatures ranging from 0–55 °C (32–131 °F).
In practical applications, these interface cards are ideal for industrial automation, quality control, and other imaging tasks requiring stable, high-speed data transmission.Their compatibility with the Basler pylon Software Suite ensures optimised performance and ease of integration.For instance, the 2-port model allows for the connection of multiple cameras, facilitating complex inspection systems . The inclusion of low-profile brackets in certain models also provides flexibility in system design, accommodating various PC form factors.

TECHNICAL DATA

Interface	10GigE
Number of ports	1
Operating temperature	0 - 55 °C
PC Bus Interface	PCIe 3.0 x4
Storage temperature	-20 - 70 °C