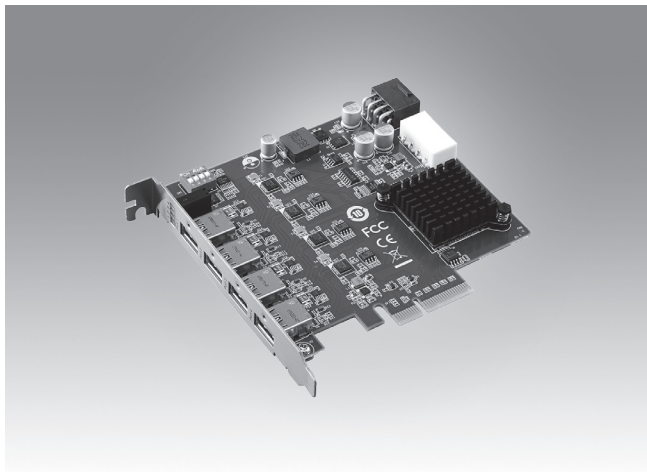


PCIE-1154

4-port PCI Express USB Vision Frame Grabber



Features

- Four independent USB 3.0 Host Controllers—Fresco FL1100
- PCI Express Gen2 x4 interface, up to 2.0 GB/s
- Supports 1500-mA max. current per port
- Supports cable-lock mechanism for reliable cable connection
- Supports Microsoft Windows 7/8.1/10 and Linux

Introduction

The PCIE-1154 is a 4-port PCIe x4 expansion card designed for industrial and vision applications. Featuring Fresco FL1100 USB 3.0 host controllers and an independent bandwidth of 5 Gbps when operating four ports simultaneously, the PCIE-1154 also features four USB 3.0 ports with 1500-mA current to ensure stable power for external USB devices. Exclusive features include a cable-lock mechanism for reliable cable connection. The PCIE-1154 is a high-bandwidth industrial-grade expansion card designed for connecting USB industrial cameras in machine vision, factory automation, and medical applications, as well as any other applications that require high-data transfer speeds.

Specifications

USB

- **Interface** PCI Express x4
- **Connector** 4 x USB 3.0 Type A
- **Host Bus** 4-lane Gen 2.0 PCIe interface, compliant with PCI Express Base Specification, Revision 2.0
- **Controller** Host Controller – Fresco FL1100
Compliant with USB 3.0 Specification and Intel® xHCI Specification, Revision 1.0
- **Max. current** 1500 mA maximum per port
- **Data Transfer Rate** SuperSpeed (5.0 Gbps); High Speed (480.0 Mbps); Full Speed (12.0 Mbps); Low Speed (1.5 Mbps)

Environment

- **Operating Temperature** 0~60°C (32~140°F)
- **Storage Temperature** -40~85°C (-40~185°F)
- **Dimensions (L x H)** 111.15 x 117 mm (43.8" x 46.1")
- **Certifications** CE/FCC

Operating Systems

- **OS** Microsoft Windows 7/10 and Linux

Ordering Information

- **PCIE-1154-AE** 4-port PCIe USB Vision Frame Grabber

Optional USB3.0 Cable

- **1700025427-01** USB 3.0 cable, 5 m, Micro B (locking) to Type A
- **1700025428-01** USB 3.0 cable, 3 m, Micro B (locking) to Type A

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