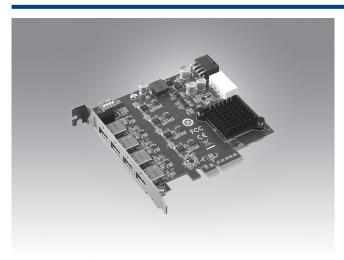
PCIE-1154

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

CEF©

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 PCle 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) 11.15 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