ADVANTECH

PCIE-1158 8-port PCI Express USB Vision Frame Grabber Startup Manual

Packing List

Before you begin installing your card, please make sure that the following items have been shipped:

• 1 x PCIE-1158 8-port PCIe USB Vision Frame Grabber

If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

Specifications

General
• **Chipset:**
  - 4 Renesas µPD720202 USB3.0 host controller
  - Compliant with USB 3.0 Specification Revision 1.0
  - Compliant with Intel® xHCI Specification Revision 1.0
• **Interface:** PCIe 2.0 4x
• **Data Transfer Rate:**
  - SuperSpeed
  - High Speed
  - Full Speed
  - Low Speed
• **Current Protection:** 900 mA per-port current limit
Note: For better compatibility, please change the PCIe settings to Gen 2.0 on device card slot.

Mechanical and Environmental
• **Dimensions (L x W):** 153 x 106 mm
• **Power Requirements:** Slot: PCIe 2.0 standard
• **Net Weight:** 300 g

Connectors

Main Board Connectors	
Label	**Function**
USB1~USB8	USB3.0 Ports 1~8
Connector1	AT/ATX 12V$_{DC}$ input 4-pin power connector

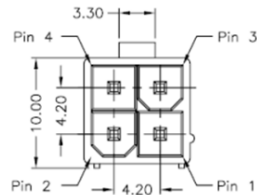| AT/ATX 12V DC Input 4-pin Power Connector	
Pin	**Function**
Pin 1	GND
Pin 2	GND
Pin 3	+12V
Pin 4	+12V

Figure 1: AT/ATX 12V DC Input 4-pin Power Connector
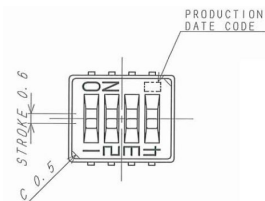
Switch (Reserved)

Figure 2: Slide Switches

Declaration of Conformity

This device complies with the requirements in Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. The device may not cause harmful interference;
2. The device must accept any interference received, including interference that may cause undesired operation.

Block Diagram