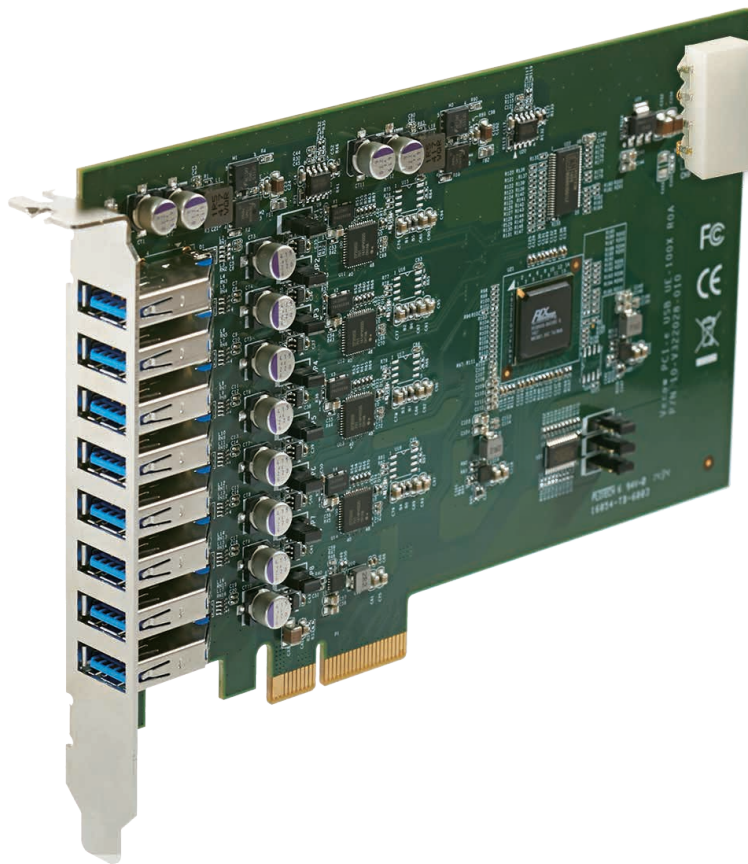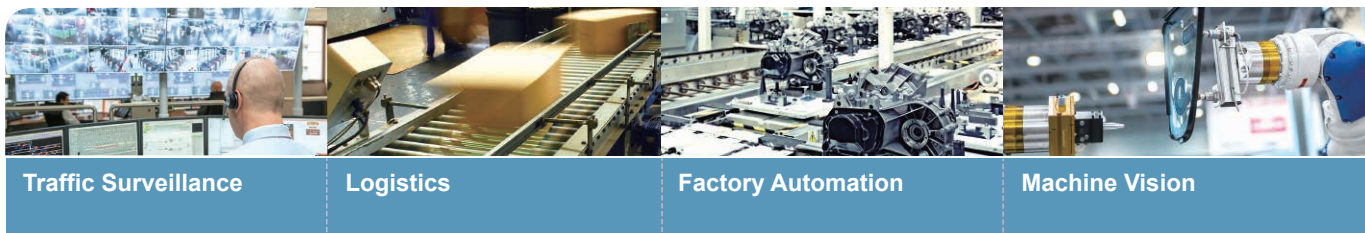# UE-1000 Series

PCI Express x4, 8 Ports/ 4 Ports USB 3.0 Expansion Card
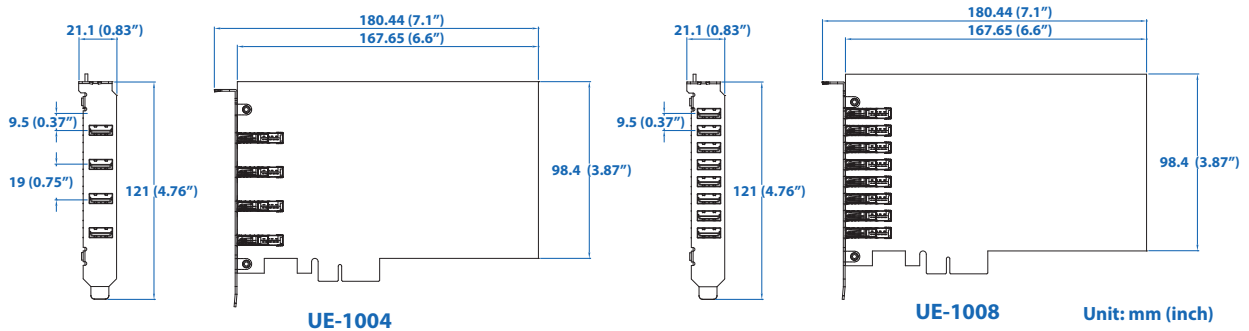

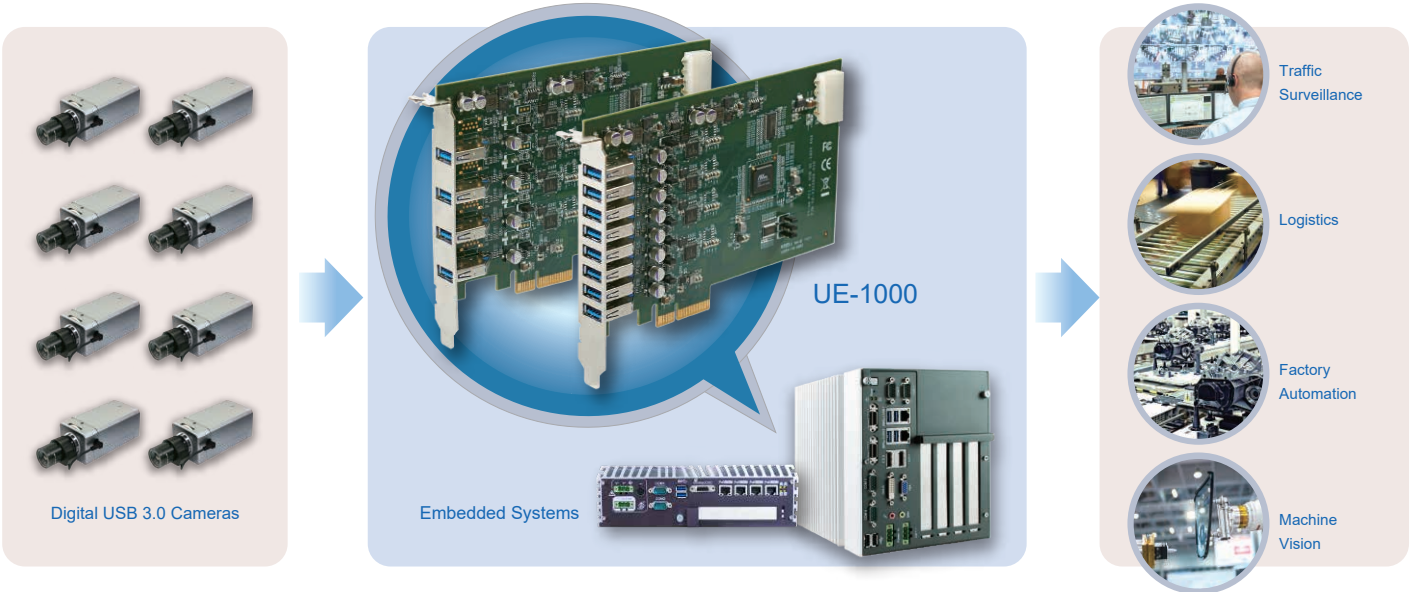- **4 Independent USB 3.0 Controllers**
- **Smart Current Protection : 900mA/ 1500mA**
- **Remote Power-on/ Power-off Management by each port (Optional)**
- **Up to 8 USB 3.0 Ports**
- **USB 3.0 Rev. 1.0 compliant**
- **Intel® xHCI Rev. 1.0 compliant**
- **PCI Express x4 Interface**

| **Traffic Surveillance** | **Logistics** | **Factory Automation** | **Machine Vision** |

UE-1000 is a series of USB 3.0 expansion cards which is powered by independent USB 3.0 host chips. With the latest USB 3.0 technology, UE-1000 series USB 3.0 expansion card delivers 10 times data transfer rate, up to 5Gbps, to make performance driven plug-and-play system possible for Traffic Surveillance, Logistics, Factory Automation, Machine Vision, Factory Inspection, Medical, Security and any Super Speed data transportation applications.

Vecow

Applications

Digital USB 3.0 Cameras

Embedded Systems

UE-1000

Traffic Surveillance

Logistics

Factory Automation

Machine Vision

UE-1004

UE-1008

Unit: mm (inch)

Specification

USB

Interface	PCI Express x4
Controller	4 Renesas µPD720202 Host Controllers
	Compliant with Universal Serial Bus 3.0 specification Revision 1.0
	Compliant with Intel® xHCI specification Revision 1.0"
Connector	8/ 4 USB 3.0 Type-A Connectors
Current Protection	User-configurable 900mA/1500mA per-port current limit (Jumper)
Data Rate	Super Speed (5Gbps)/ High Speed (480Mbps)/ Full Speed (12Mbps)/ Low Speed (1.5Mbps)

Power

Power Connector	1 4-pin ATX 12V Power Connector

Environment

Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-40°C to 85°C (-40°F to185°F)
Certifications	FCC, CE, RoHS compliance

Mechanical

Dimension (W x D x H)	168mm x 121mm x 21mm (6.6" x 4.8" x 0.8")

Order Information

Part Number	Description
UE-1008	8-Port USB 3.0 host adapter with 4x independent USB 3.0 controllers
UE-1004	4-Port USB 3.0 host adapter with 4x independent USB 3.0 controllers

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info@vecow.com