

# Fiber Optic Multiplexer Modules

## Ultimate USB 4 Port 10 km USB Solution

### Description

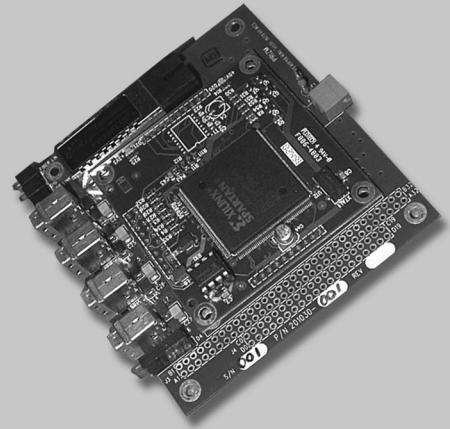
The Ultimate USB 4-port hub is the latest long distance solution from Moog. The USB solution is perfect for real-time digital still pictures. Now you can view and store the picture you are taking in real time.

### Features

- Fully transparent USB link
- USB device operation over 10 km
- Fully compliant with USB 1.1 or 2.0
- Remote unit provides 4-port hub

### Benefits

- This lightweight and compact PC-104 card format allows the user to integrate the Ultimate USB with an existing control system or other communications
- The ultimate USB product is available as a stand alone product. New products will include a Video 3 add-in card and a MiniMux 2 daughtercard
- The Ultimate USB is available in single and dual fiber solutions, with singlemode or multimode fiber



### Typical Applications

- Subsea Vehicles
- Terrestrial Robotics
- Aerial Cameras
- Security Cameras

**PRIZM™**

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COMPONENTS GROUP

# OEM / Stand Alone Modules

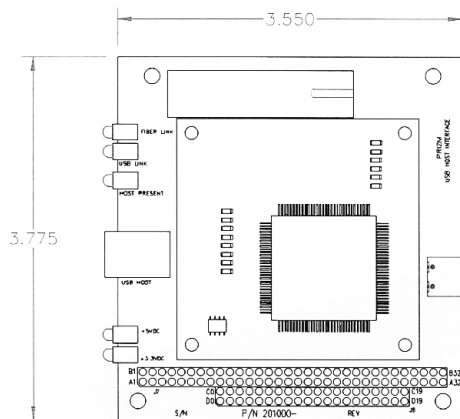
## Specifications

<b>Interfaces</b>	
USB 1.1 or 2.0	
<b>Platforms</b>	
Windows 98, ME, 2000, XP, Apple, Linux	
<b>Optical</b>	
<b>Fiber</b>	Singlemode or multimode
<b>Optical Budget</b>	17db minimum 20 db typical
<b>Environmental</b>	
<b>Operating Temperature</b>	-20° to 70° C
<b>Relative Humidity</b>	Up to 90% non-condensing
<b>Mechanical</b>	
<b>Connectors</b>	Host: I / O USB type A connector
<b>4 Port Remote Hub</b>	I / O 4 USB type A connectors
<b>Power</b>	2-pin Phoenix

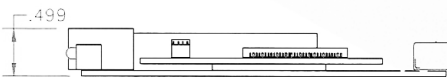
## Mechanical Information

### USB Host Interface

#### TOP VIEW

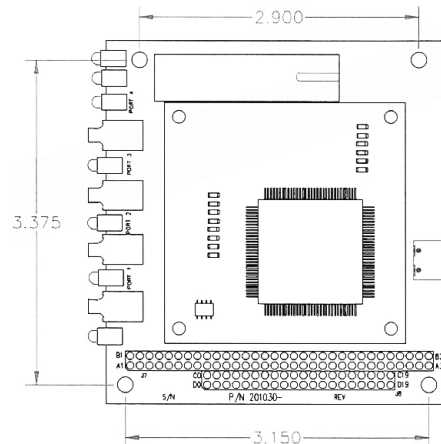


#### SIDE VIEW

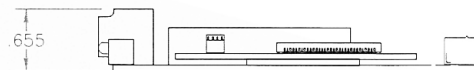


### USB Peripheral Hub Interface

#### TOP VIEW



#### SIDE VIEW



Dimensions in inches.

**24 / 7 Technical Customer Support**  
**Hotline: 610-605-6101**

Specifications and information are subject to change without prior notice.  
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