



USB Extender SET over CAT5/CAT6



Model #: C5-USB-200

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Section 1: Getting Started

1.1 Important Safeguards

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
 - Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - Repair or attempted repair by anyone not authorized by us.
 - Any damage of the product due to shipment.
 - Removal or installation of the product.
 - Causes external to the product, such as electric power fluctuation or failure.
 - Use of supplies or parts not meeting our specifications.
 - Normal wear and tear.
 - Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

1.2 Safety Instructions

The Avenview C5-USB-200, USB Extender over CAT5/CAT6 has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment's, the C5-USB-200 should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Do not dismantle the housing or modify the module.
- Dismantling the housing or modifying the module may result in electrical shock or burn.
- Refer all servicing to qualified service personnel.
- Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Have the module checked by a qualified service engineer before using it again.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

1.3 Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment.

1.4 Introduction

The Avenview C5-USB-200, USB Extender over CAT5/CAT6 is an extender between USB device and host computer with embedded connector integrated circuits on both sides of the extender.

The USB extender with the chip inside is not a passive extender. It is an active device. The USB signals going in and out of this extender in both directions are buffered to assure signal quality. Unlike passive USB extender the IC prevents signal degradation. The embedded intelligent integrated circuit cleans, amplifies USB signal and watches USB 1.1 protocol. Its Control State Machine enables and disables USB and Cable transmitters inside the chip depending on USB signals.

- Fully compliant with USB 1.1 specifications.
- Provides support for any full-speed (12 Mb/s) or low-speed(1.5 Mb/s) USB devices.
- Allows a USB device to have its cable length extended to 200 ft.
- Embedded USB 1.1 Transceiver prevents signal loss.
- Low cost in comparison with extension of cable using Hubs or other USB extenders.
- Plug & Play
- Compact Siz

1.5 Package Contents

Before you start the installation of the converter, please check the package contents.

- C5-USB-200 Transmitter x 1
- C5-USB-200 Receiver x 1
- User's Manual x 1

1.6 Before Installation

- Put the product in an even and stable location. If the product falls down or drops, it may cause an injury or malfunction.
- Don't place the product in too high temperature (over 50°C), too low temperature (under 0°C) or high humidity.
- Use the DC power adapter with correct specifications. If inappropriate power supply is used then it may cause a fire.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.



1.7 Installation (C5-USB-200)

To setup Avenview C5-USB-200 follow these steps for connecting to a device:

1. Connect C5-USB-200 Transmitter unit to PC
2. Connect Rj45 cable to C5-USB-200 Transmitter and Receiver
3. Connect USB Device at remote location to C5-USB-200 Receiver.

Section 2: Specifications

Item	Description
Units	C5-USB-200
Unit Description	USB Extender SET over CAT5/CAT6
Local Unit – Upstream	USB Type A Male
Local Unit – Downstream	RJ45
Remote Unit – Upstream	USB Type A Female
Remote Unit – Downstream	RJ45
USB Cable Length	1 Feet (Built-in)
Supported Length	60m (200 feet)
Power Consumption	200mA



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