

User Manual for 1 Channel Video Converter, Model SC09VFN1

This product is a digital fiber-optic transmission system which employs advanced technique to transmit 1 Video signal compatible with NTSC, PAL, or SECAM CCTV camera / 1 Unidirectional (Reverse) RS485 Async data. This product consists of a TX (Transmitter) and a RX (Receiver).

Front Panel and LEDs



Fig 1. Front Panel

There are “POWER”, “VIDEO”, “LINK” LEDs in the front panel

POWER	Power supply OK
VIDEO	On when video input is present
LINK	On when data on Fiber is being transmitted
DATA	May / May not be present

Note : Fiber Port : Only Tx will be available in Transmitter & only Rx will be available in Receiver

There are FIBER, VIDEO (camera) and DATA ports on the Front panel.

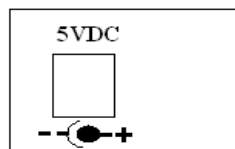


Fig 2. Rear Panel

5VDC power supply socket connects with an external 230V AC adapter
Plug the adapter to the Mains supply, connect the DC end to the converter &
then switch on the supply mains.

There is no DATA port for the Video only model

Connect the RS485 DATA port to your RS485 Interface for SC09VFN1 with Data port option

Ports connection

Video Connection

Connect the video signal to or from SC09VFN1 through a 75Ω coax cable with BNC plug.

RS485 Connection

Connect TX+ and TX- of your device to the + and - of the SC09VFN1 Transmitter

Connect RX+ and RX- of your device to the + and - of the SC09VFN1 Receiver

GND in both TX and RX should be connected directly to user's equipment.

Fiber Connection:

Connect the Fiber-optic cable (with FC or ST connector) to the FIBER port of SC09VFN1.