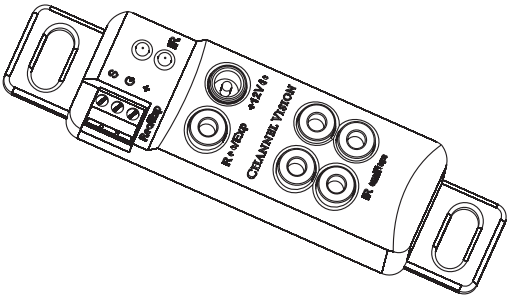


IR-1203 Users Guide



CHANNEL VISION Limited Warranty

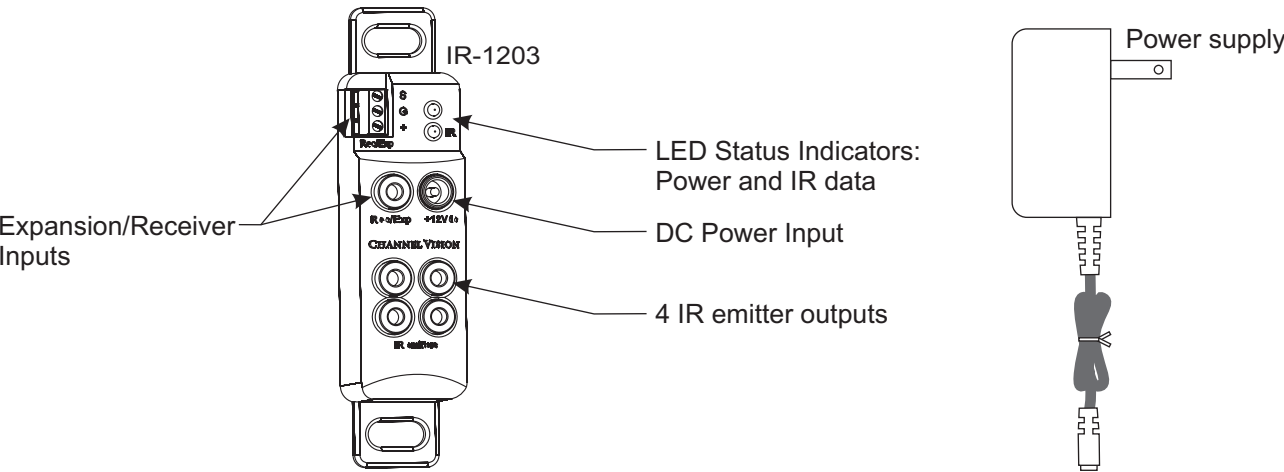
Channel Vision Technology will repair or replace any defect in material or workmanship which occurs during normal use of this product with new or rebuilt parts, free of charge in the USA, for two years from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment. This warranty is extended only to the original purchaser, and a purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.

Mail in service can be obtained during the warranty period by calling (800) 840-0288 toll free. A Return Authorization number must be obtained in advance and can be marked on the outside of the shipping carton.

This warranty gives you specific legal rights and you may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period, please contact Channel Vision Technology, your dealer or any factory-authorized service center.

500-198 rev A

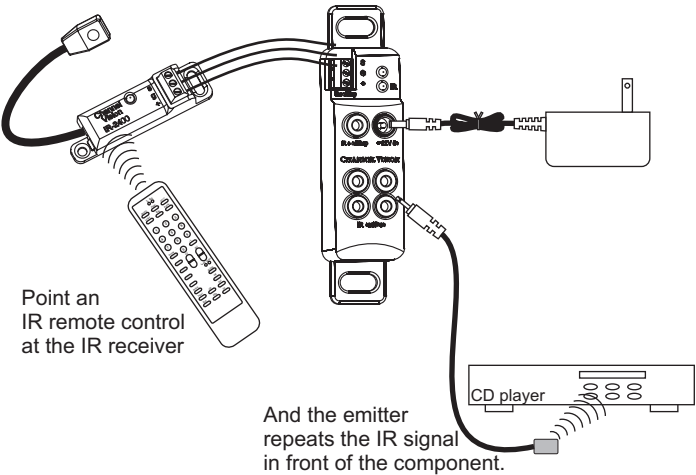
The IR-1203 includes these items:



- Features:**
- 4 IR emitter outputs
 - Status LEDs for power and IR signal indication
 - Screw terminal or mini-plug connections for IR receivers
 - Easily mounts to any flat surface

How IR repeating works

The IR receiver is wired to the IR hub which routes the signal to IR emitters



Point an IR remote control at the IR receiver

And the emitter repeats the IR signal in front of the component.

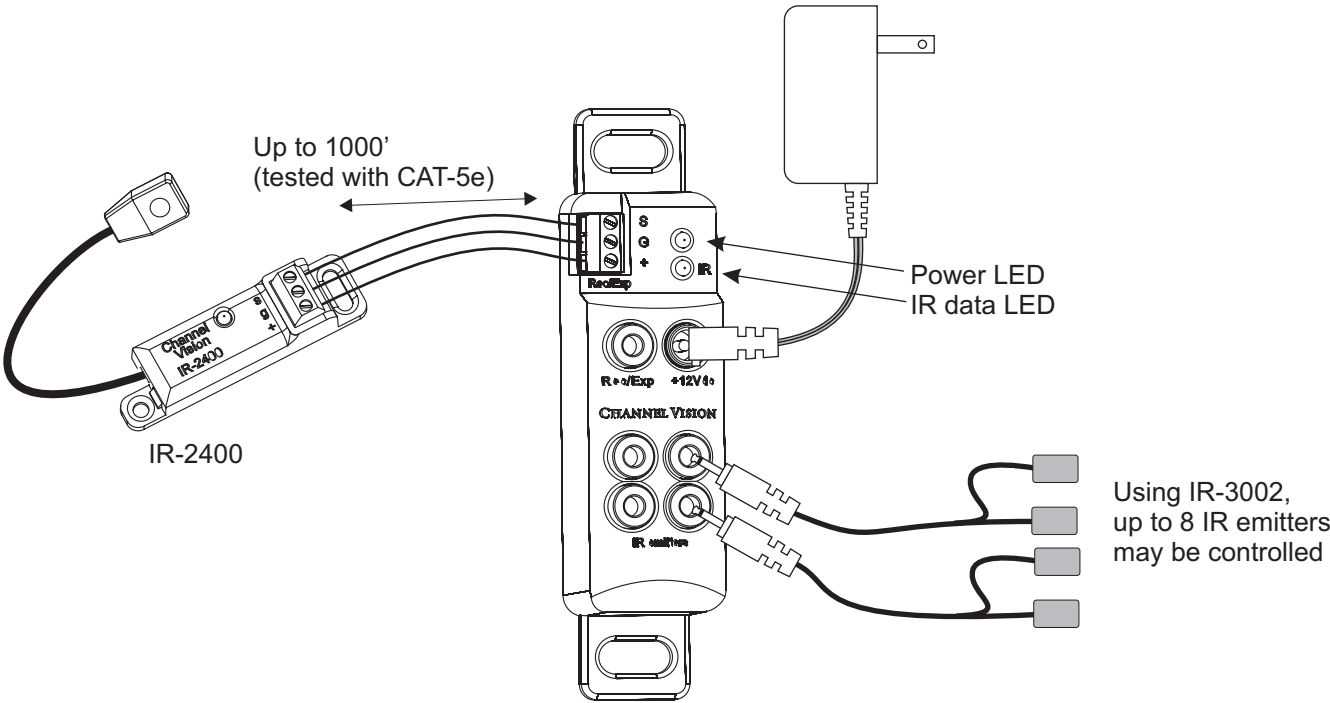
Be sure the emitter is attached directly over the component's IR receiver. To locate the IR receiver, shine a flashlight into the unit and look for the sensor.

Specifications

Specifications: (typical)	
Power Supply Voltage:	8 - 12 VDC
IR Freq. range supported:	30 kHz - 60 kHz
Maximum IR receivers:	8
Dimensions:	1.10" x 1.03" x 4.25"
IR emitter outputs:	4
Color:	Black

Specifications subject to change without notice.

Typical Operation

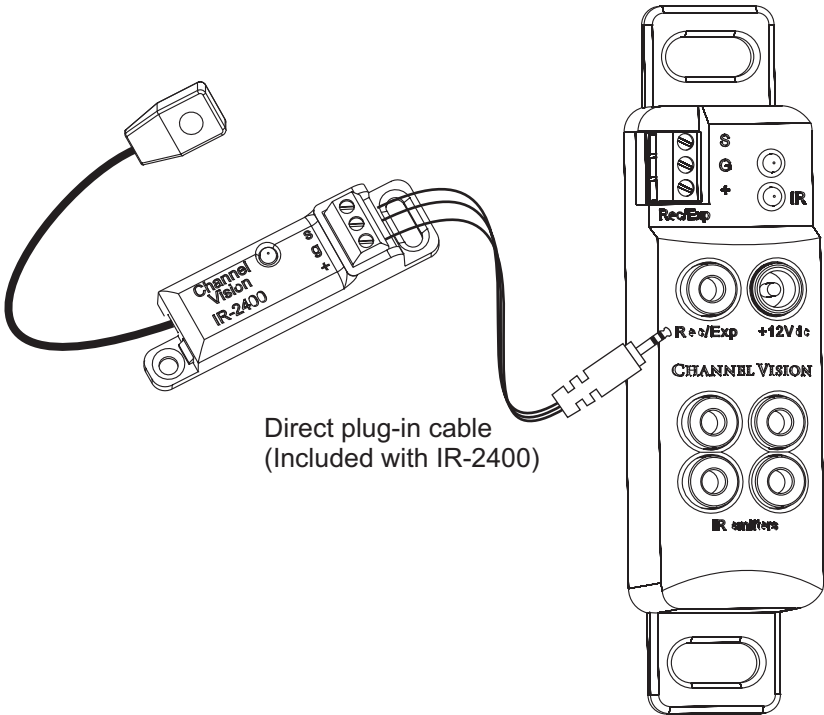


Up to 1000'
(tested with CAT-5e)

Power LED
IR data LED

Using IR-3002,
up to 8 IR emitters
may be controlled

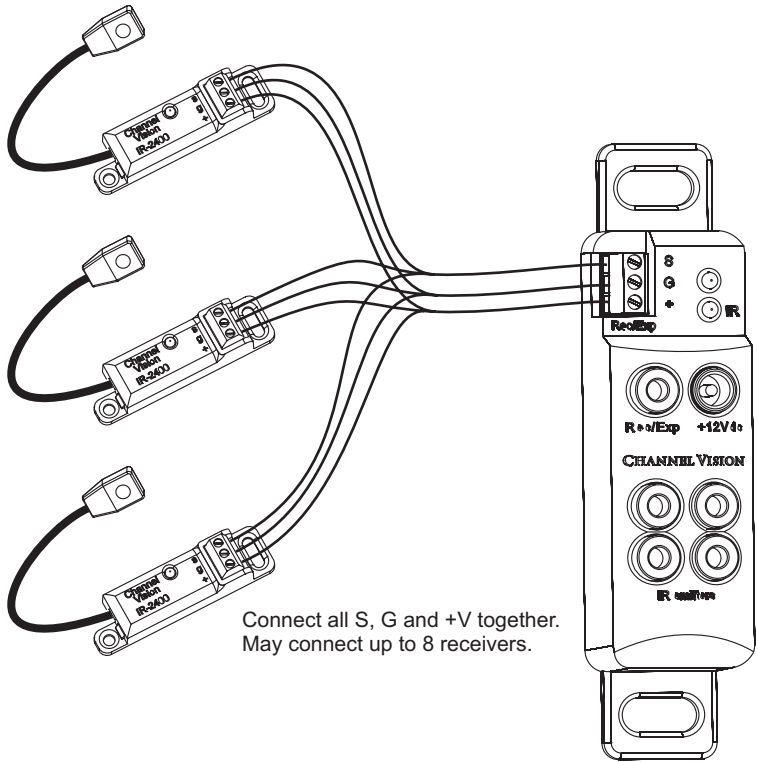
Alternative Receiver Hookup



Direct plug-in cable
(Included with IR-2400)

When connecting IR receivers to the IR-1203, there are two valid methods.
Method 1: Use the 3-wire screw terminal connections as shown in the “Typical Application” diagram.
Method 2: Use the direct plug-in cable provided with the IR receiver.

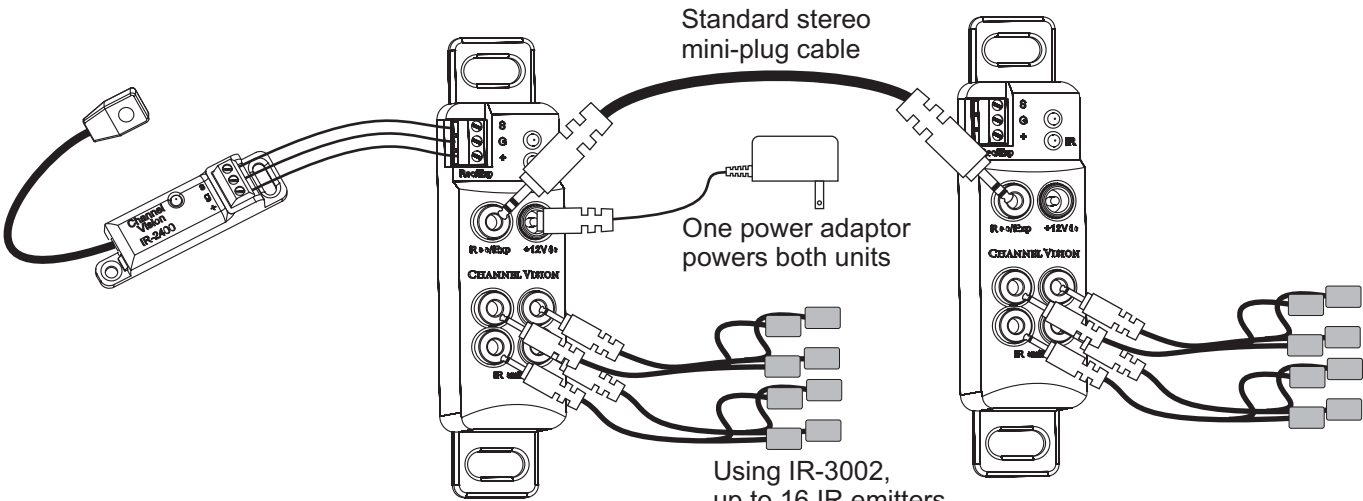
Multiple Receiver Operation



Connect all S, G and +V together.
May connect up to 8 receivers.

To simplify the connection of multiple IR receivers, a connecting block such as model C-1201(not shown) can be used. The C-1201 can provide connections for up to 8 IR receivers, allowing them all to connect to the IR-1203.

Expanding Into 2 Hubs

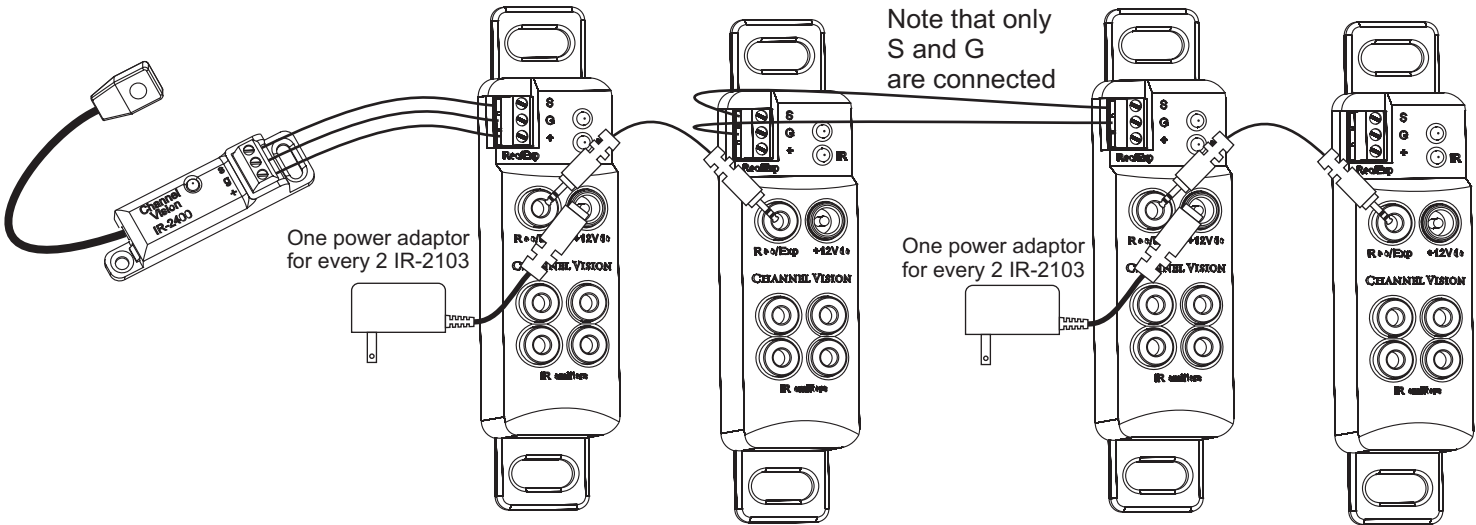


Standard stereo
mini-plug cable

One power adaptor
powers both units

Using IR-3002,
up to 16 IR emitters
may be controlled

Emitter Expansion Application 2



Note that only
S and G
are connected

One power adaptor
for every 2 IR-2103

One power adaptor
for every 2 IR-2103

Using IR-3002,
up to 32 IR emitters
may be controlled