

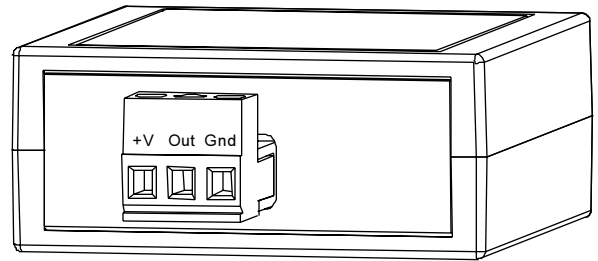
Instructions for Video Sensor-A,B and C

Video Sensor A

Input voltage : 5 to 24 vdc
 Output contact: 80% of power supply
 Connector: 3-position terminal strip

Attach 5 to 24vdc to +V and Gnd connections. Next attach to the Out terminal for the dc output voltage.

When the video sync signal is detected, the Video Sensor will change the Out terminal from 0 vdc to a voltage which is 90% of the incoming power supply voltage.

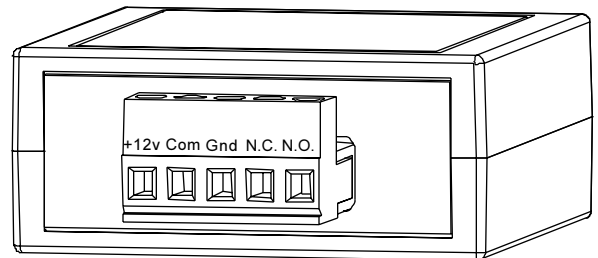


Video Sensor B

Input voltage : 12vdc @ 75mA
 Output contact: NO, NC, and COM
 Connector: 5-position terminal strip

Attach 12 vdc to +12v and Gnd connections. Next attach to the COM for your common relay connection and either N.O. (normally open) or N.C. (normally closed) connections to the relay closure.

When the video sync signal is detected, the Video Sensor will close a contact between the COM and N.O. terminals. When a signal is NOT detected, terminals COM and N.C. will be connected.

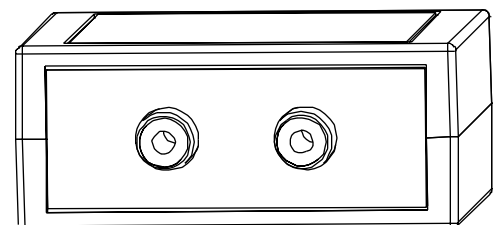
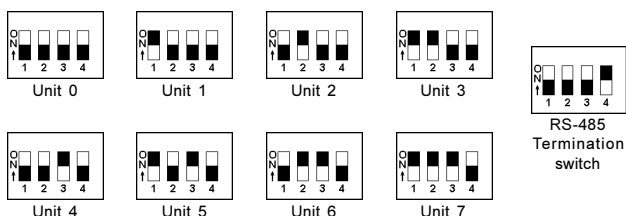
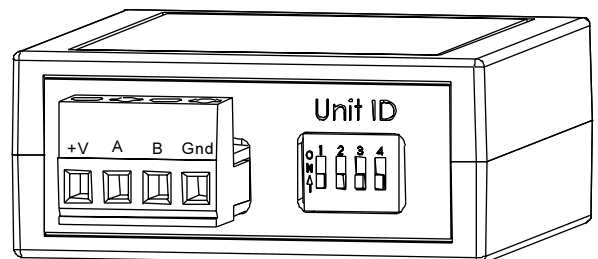


Video Sensor C

Input voltage : 7 to 24 vdc
 Interface: RS-485, 9600 baud, 8,N,1 synchronous
 Connector: 4-position terminal strip

Attach 7 to 24vdc to +V and Gnd connections. Next attach the A and B terminals to the RS-485 bus. Set address switches for the unit as shown on bottom of this page. Make sure that each Video Sensor C on the same buss has a different address to prevent data collisions.

To query the Video Sensor for current status, use the ASCII command "V0" + carriage return where 0 is the address number from 0 to 7 of the sensor to be read. The sensor will respond with "V001" + carriage return where 01 is the status of the sensor. The first number is for sensor 1, the second number is sensor 2. A zero represents no video detected and a one is for detected video.

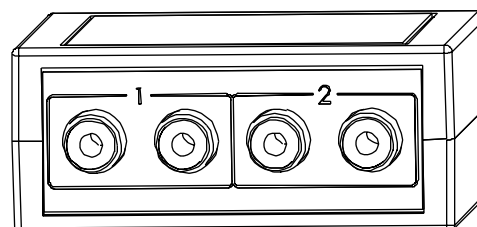


Video Sensor A and B



R.F. Systems, Inc.

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Video Sensor C

Video Sensor-A

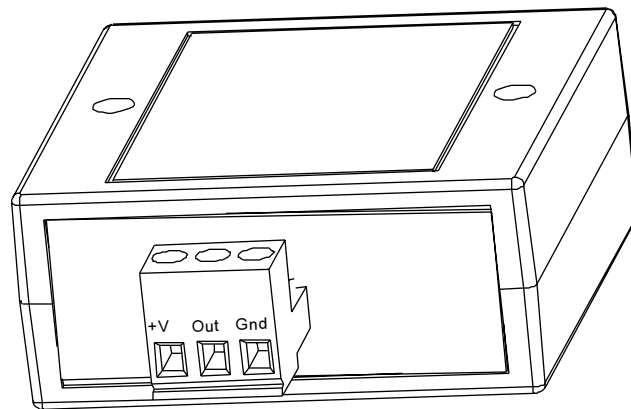
Senses a video signal and outputs a dc voltage

Features a high impedance video loop through.

Input voltage : 5 to 24 vdc

Output contact: 80% of power supply

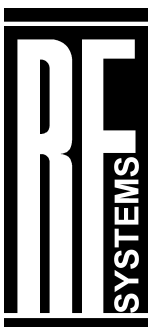
Connector: 3-position terminal strip



To connect the Video Sensor A:

Attach 5 to 24vdc to +V and Gnd connections. Next attach to the Out terminal for the dc output voltage.

When the video sync signal is detected, the Video Sensor will change the Out terminal from 0 vdc to a voltage which is 90% of the incoming power supply voltage.



R.F. Systems, Inc.

10759 Yukon Street
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Video Sensor-B

Senses a video signal and closes a relay contact.

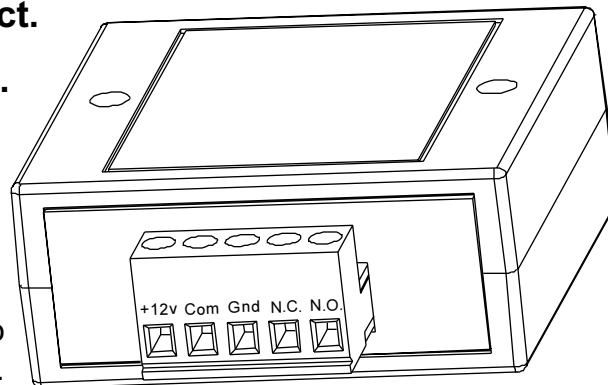
Features a high impedance video loop through.

Input voltage : 12vdc @ 75mA
Output contact: NO, NC, and COM
Connector: 5-position terminal strip

To connect the Video Sensor B:

Attach 12 vdc to +12v and Gnd connections. Next attach to the COM for your common relay connection and either N.O. (normally open) or N.C. (normally closed) connections to the relay closure.

When the video sync signal is detected, the Video Sensor will close a contact between the COM and N.O. terminals. When a signal is NOT detected, terminals COM and N.C. will be connected.



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Video Sensor-B

Senses a video signal and closes a relay contact.

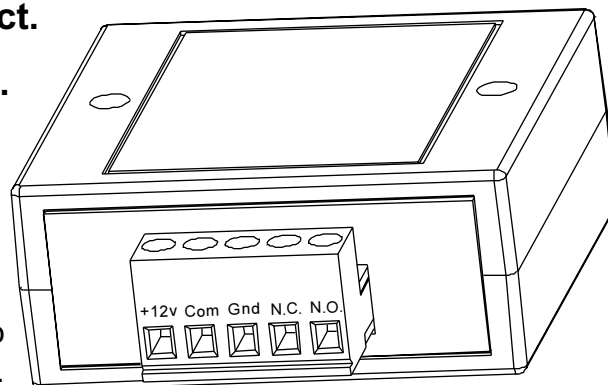
Features a high impedance video loop through.

Input voltage : 12vdc @ 75mA
Output contact: NO, NC, and COM
Connector: 5-position terminal strip

To connect the Video Sensor B:

Attach 12 vdc to +12v and Gnd connections. Next attach to the COM for your common relay connection and either N.O. (normally open) or N.C. (normally closed) connections to the relay closure.

When the video sync signal is detected, the Video Sensor will close a contact between the COM and N.O. terminals. When a signal is NOT detected, terminals COM and N.C. will be connected.



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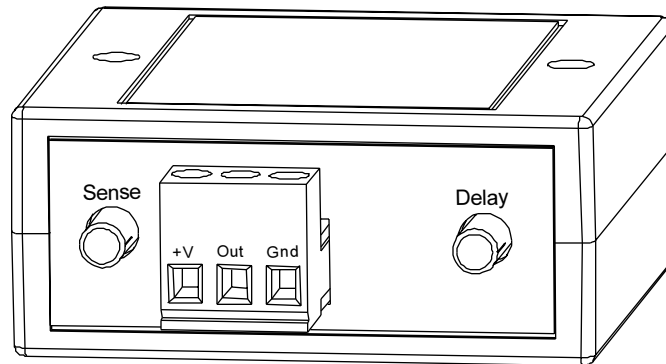
Audio Sensor-A

**Senses an audio signal and outputs a dc voltage.
Features a high impedance audio loop through.**

Input voltage : 5 to 24 vdc

Output contact: 80% of power supply

Connector: 3-position terminal strip

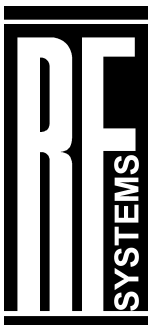


To connect the Audio Sensor A:

Attach +5vdc to +24vdc to the power and ground connections.

When the audio signal is detected, the Audio Sensor will change the Out terminal from 0 vdc to a voltage which is 80% of the incoming power supply voltage. If 10vdc is used to supply power, 8vdc will be output when the audio signal is sensed.

The Sense adjustment allows you to change the audio level required to trigger the sensor. The Delay adjustment allows you to change the time delay from loss of signal to deactivate the sensor.



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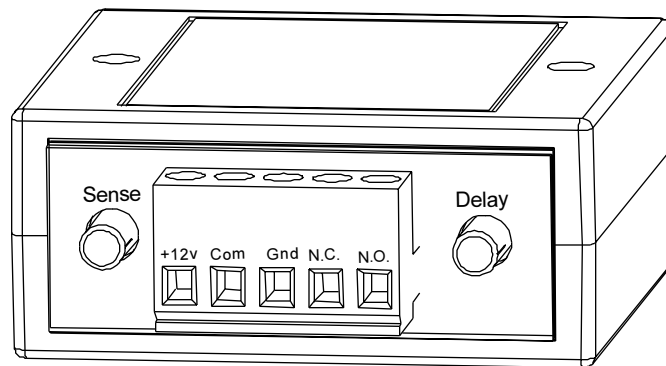
Audio Sensor-B

**Senses an audio signal and closes a relay contact.
Features a high impedance audio loop through.**

Input voltage : 12vdc @ 75mA

Output contact: NO, NC, and COM

Connector: 5-position terminal strip

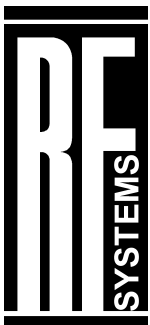


To connect the Audio Sensor B:

Attach 12 vdc to +12v and Gnd connections. Next attach to the COM for your common relay connection and either N.O. (normally open) or N.C. (normally closed) connections to the relay closure.

When the audio signal is detected, the Audio Sensor will will close a contact between the COM and N.O. terminals. When a signal is NOT detected, terminals COM and N.C. will be connected.

The Sense adjustment allows you to change the audio level required to trigger the sensor. The Delay adjustment allows you to change the time delay from loss of signal to deactivate the sensor.



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