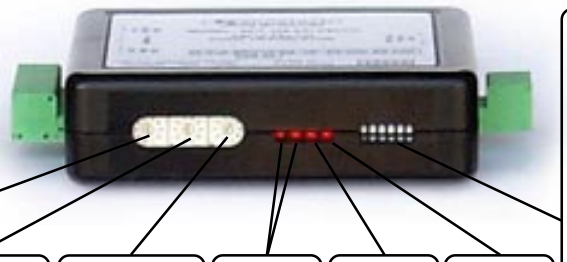
SCM-200-Panasonic
Panasonic RS-485 Camera Control Two Input Code Merger

Merges data from two Panasonic RS-485 camera control sources into a single data line.

Each input and output baud rate is individually selectable.

Input #2 camera addresses can be offset in groups of 8 up to a maximum of 96.



Input 1 Baud Rate Setting Switch

1 2400 baud
2 4800 baud
3 9600 baud
4 19,200 baud

An invalid setting will cause the Err indicator to light up solidly.

Input 2 Baud Rate Setting Switch

1 2400 baud
2 4800 baud
3 9600 baud
4 19,200 baud

An invalid setting will cause the Err indicator to light up solidly.

Output Baud Rate Setting Switch

1 2400 baud
2 4800 baud
3 9600 baud
4 19,200 baud

An invalid setting will cause the Err indicator to light up solidly.

Rx1 & Rx2 Indicators

Flashes when there is data on the input lines.

If on solidly, input lines may have reverse polarity

Error Indicator

Flashes when there is invalid data on an input line.

Lights solidly for any invalid switch setting.

Transmit Indicator

Flashes when output Panasonic code is sent.

Configuration Switches

Switch1: Input2 Address Offset
On: Add 8 to address
Off: Not enabled

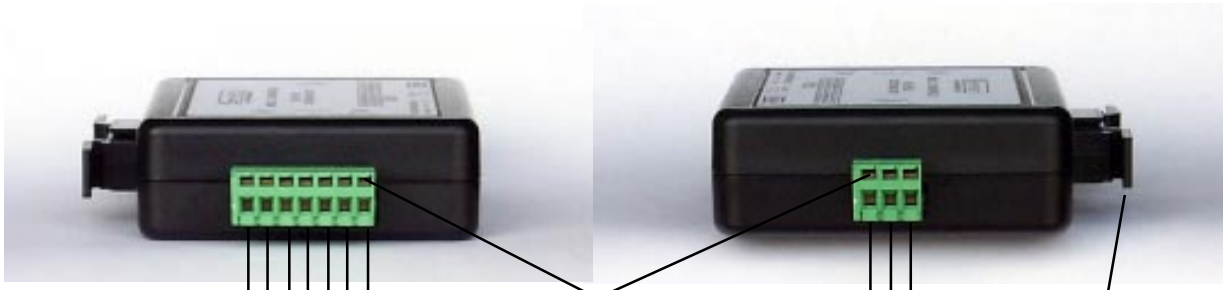
Switch2: Input2 Address Offset
On: Add 16 to address
Off: Not enabled

Switch3: Input2 Address Offset
On: Add 32 to address
Off: Not enabled

Switch4: Input2 Address Offset
On: Add 64 to address
Off: Not enabled

Switch 5: Unassinged
On:
Off:

Switch6: Unassigned
On:
Off:



Connect power to the PWR inputs. Do not connect power wires to the Gnd.

In 1 In 2

Removable edge connector. Insert a small screwdriver in the upper slot to force open the wire clamp. Push all the way in to open fully. Place stripped wire end(s) in the open clamp and withdraw screwdriver.

Panasonic RS-485 Data Out

The removable mounting clip can be snapped onto a din rail or screwed to a panel or wall.

SPECIFICATIONS

Size:	4.5" x 3.5" x 1.25"
Weight:	0.5 lb
Power:	9Volt to 15Volt AC or DC at 75ma
Environmental:	Indoor use only

www.senntech.net

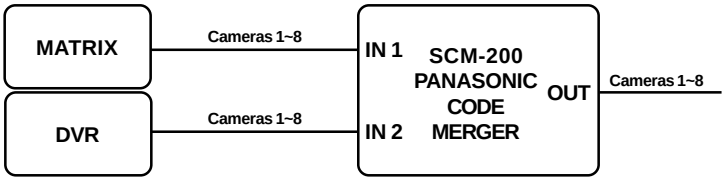
Sennetech, Inc. 6455 W. Bath Rd. Perry, MI 48872 U.S.A. Ph (517) 675-1150 Fax (517) 65-1151

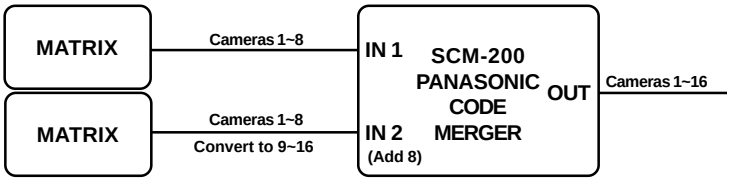
NOTES

Input #2 Address Offset
Switches 1, 2, 3, and 4, when turned on, add 8, 16, 32, and 64, respectively to the camera address on input number 2. The maximum permitted offset is 88; if set higher, the Error led will light until the setting is corrected. The maximum camera output address is 96. If the resulting address exceeds 96, the Error led will blink and there will be no output.

This can be used for applications with multiple DVRs or Matrix system which have camera control outputs for camera addresses 1~8.

Here are some possible combinations.





System configuration
The code translator operates only in simplex mode, it does not handle response data. The controllsystem and the cameras should be configured for 4 wire operation so they will not be responding on the same data lines as they are receiving.

If the control system can be confugred for simplex operation it won't require a response from the camera. If it does require a response, the response lines from the camera should be connected directly back to the controller, not to the code merger.