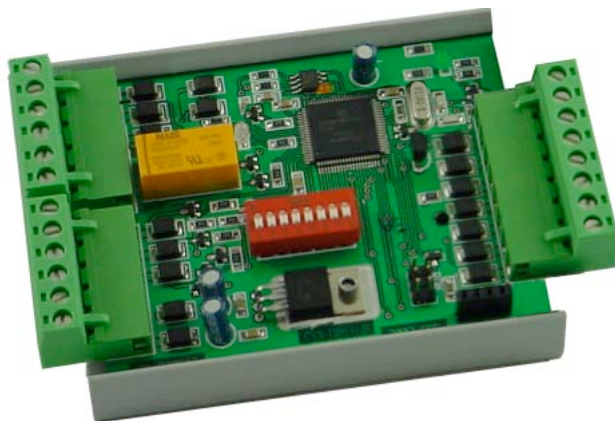




CVX-1368



CVX-1368 Transcore Format Converter

Introduction

The CVX-1368 is designed to convert various Transcore data formats to different industry standard formats as required by access control systems. Different format conversions are available and can be selected by setting an on board DIP switch.

The CVX-1368 contains the CVX-1368 transcore functions with additional custom processes.

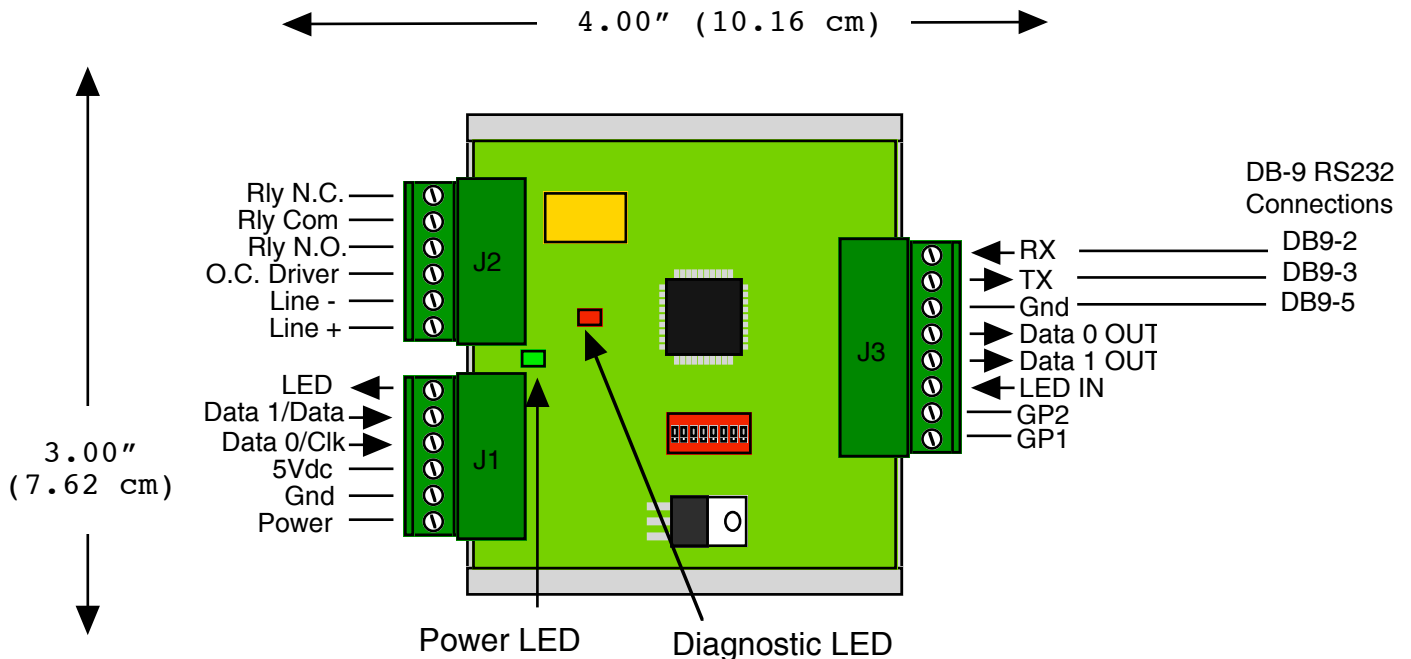
CVX-1368 DIP Switch Settings

SS-CVX-1368 v1.00 271114
Firmware >= v1.12



CVX-1368 Specifications

Physical	Snaptrack Mounting Size 4 x 3 x .75"	
Temp	Storage (-55°C to +150°C) Operating (-40°C to +85°C)	
Humidity	95% (non-condensing)	
Power	Input	Unreg Input 8 to 24vDC @ 100ma Max +5vDC @ 100ma Max (10% ripple)
	Output (with 8 to 24v Unreg IN)	+5vDC @ 250 ma
Reader Input	Interface	Reader - Wiegand, Strobed (Clock & Data), F/2F LED - 0 to 30v
	Format	Wiegand, ABA, BarCode, ASCII, Proprietary
Controller Output	Interface	Reader - Wiegand, Strobed (Clock & Data), F/2F LED - 0 to 30v
	Format	Wiegand, ABA, BarCode, ASCII, Proprietary
Misc	Relay	Contacts - 1a @ 120Vac
	GP I/O	0 - 5v Logic Levels



CVX-1368 Quick Reference

CVX-1368 Specific Information for each additional setting

The CVX-1368 is a superset of functions from the CVX-1201. The CVX-1368 includes the Transcore programmable converter function (refer to CVX-1300 document for details).

The CVX-1368 also includes special processing of the Transcore conversion that limits repeat reads for all conversion settings. Read data is held in a compare buffer, if a subsequent read has the same data then the read will not be processed. The data is held in the buffer for 10 seconds after which time the same read will be processed. New (different) reads are always process immediately.

Settings specific to the CVX-1368

Setting #79

Reads up to the first 8 characters after prefix code.

Setting #80

Processes all badges as last 5 of 8 process

Setting #86

Processes Transcore tags as setting #80

Processes Transcore 26 bit ASCII tags as setting #84

Setting #87

Processes Transcore 26 bit ASCII tags as setting #84 but generates 34 bit Cardkey output.

Setting #81

Special Transcore process for 3 character prefix codes

Converts to 26 bit Wiegand output, Fixed facility code = 1

'STR' prefix is processed as Facility code 1

All other prefix codes will not generate output

Input as #AAAXXXN... ..

A = ASCII prefix chars, X = don't care, N = Numeric digits used for calculation

CVX-1368 DIP Switch Settings

#	DIP Switch Setting								Application			
									Input		Output	
	1	2	3	4	5	6	7	8	Interface	Format	Interface	Format
0									Test Mode			
1	X								Wiegand 48bit	Amtech 4000	Wiegand	26 Bit
2		X							Wiegand 32bit	Bosch	Wiegand	26 Bit
3	X	X							Wiegand 34 bit	CK 9410	Wiegand	26 Bit
4			X						Wiegand 34 bit	CK 98-1005A	Wiegand	26 Bit
5	X		X						Wiegand 34 bit	CK 98-1007A	Wiegand	26 Bit
6		X	X						Wiegand 27 bit	Dortell	Wiegand	26 Bit
7	X	X	X						Wiegand 36 bit	Ensec	Wiegand	26 Bit
8				X					Wiegand 30 bit	Amtech Generic	Wiegand	26 Bit
9	X			X					Wiegand 34 bit	Honeywell	Wiegand	26 Bit
10		X		X					Wiegand 36 bit	Indala	Wiegand	26 Bit
11	X	X		X					Wiegand 34 bit	Kantech	Wiegand	26 Bit
12			X	X					Wiegand 32 bit	LSU	Wiegand	26 Bit
13	X		X	X					Wiegand 30 bit	Monitor Dyn.	Wiegand	26 Bit
14		X	X	X					Wiegand 30 bit	Pacs30	Wiegand	26 Bit
15	X	X	X	X					Wiegand 32 bit	Spaz32	Wiegand	26 Bit
16					X				Wiegand 32 bit	Vara Systems	Wiegand	26 Bit
17	X				X							
18		X			X							
19	X	X			X							
20			X		X							
21	X		X		X							
22		X	X		X							
23	X	X	X		X							
24				X	X							
25	X			X	X							
26		X		X	X							
27	X	X		X	X							
28			X	X	X							
29	X		X	X	X							
30		X	X	X	X							
31	X	X	X	X	X				TEST	MODE	RS-232 (9600)	Test String

DIP Switch 8 turns on Wiegand/Strobed Output pullup Resistors

CVX-1368 DIP Switch Settings

#	DIP Switch Setting								Application			
									Input		Output	
	1	2	3	4	5	6	7	8	Interface	Format	Interface	Format
32						X			Wiegand Output TEST MODE- 26 Bit FC =123 Badge = 4567			
33	X					X			Wiegand	1 to 48 bits	RS-232 (9600)	Hex Digits
34		X				X			Wiegand	1 to 96 bits	RS-232 (9600)	24 Hex/Dec
35	X	X				X						
36			X			X						
37	X		X			X						
38		X	X			X						
39	X	X	X			X						
40				X		X						
41	X			X		X						
42		X		X		X						
43	X	X		X		X						
44			X	X		X						
45	X		X	X		X						
46		X	X	X		X						
47	X	X	X	X		X						
48					X	X						
49	X				X	X						
50		X			X	X						
51	X	X			X	X						
52			X		X	X						
53	X		X		X	X						
54		X	X		X	X						
55	X	X	X		X	X						
56				X	X	X						
57	X			X	X	X						
58		X		X	X	X						
59	X	X		X	X	X						
60			X	X	X	X						
61	X		X	X	X	X						
62		X	X	X	X	X						
63	X	X	X	X	X	X			TEST	MODE	FC = 246	Badge = ++

DIP Switch 8 turns on Wiegand/Strobed Output pullup Resistors

CVX-1368 DIP Switch Settings

#	DIP Switch Setting								Application			
									Input		Output	
	1	2	3	4	5	6	7	8	Interface	Format	Interface	Format
64							X		Programming Mode			
65	X						X		Run Programmed Converter Process			
66		X					X		Cloning Mode Source			
67	X	X					X		Cloning Mode Destination			
68			X				X					
69	X		X				X					
70		X	X				X					
71	X	X	X				X		RS-232 (9600)	TransCore	Wiegand	26 bit
72				X			X		RS-232 (9600)	TransCore	Wiegand	Xico 6
73	X			X			X		RS-232 (9600)	TransCore	Wiegand	37
74		X		X			X		RS-232 (9600)	TransCore	Wiegand	26
75	X	X		X			X		RS-232 (9600)	TransCore	Wiegand	26 (9117)
76			X	X			X		RS-232 (9600)	TransCore	Wiegand	26 (9161)
77	X		X	X			X		RS-232 (9600)	TransCore	Wiegand	37
78		X	X	X			X		RS-232 (9600)	TransCore	Wiegand	37
79	X	X	X	X			X		RS-232 (9600)	TransCore	Wiegand	26 (9161B)
80					X		X					
81	X				X		X		RS-232 (9600)	TransCore	Wiegand	26
82		X			X		X					
83	X	X			X		X					
84			X	X			X		RS-232 (9600)	TransCore 26b	Wiegand	26 bit
85	X		X	X			X		RS-232 (9600)	TransCore	Wiegand	26 bit
86		X	X		X		X		RS-232 (9600)	Transcore/26	Wiegand	26 bit
87	X	X	X		X		X		RS-232 (9600)	TransCore 26b	Wiegand	34 bit
88				X	X		X					
89	X			X	X		X					
90		X		X	X		X					
91	X	X		X	X		X					
92			X	X	X		X					
93	X		X	X	X		X					
94		X	X	X	X		X					
95	X	X	X	X	X		X					

DIP Switch 8 turns on Wiegand/Strobed Output pullup Resistors