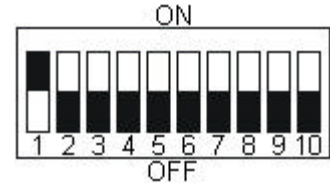


DIGIREADER DR4208K INSTALLATION NOTES

DIP ADDRESS SWITCH

The DR4208K reader has a 10-position DIP-switch S1, (as shown to the right, with S-NET address 1 selected for 9600 S-NET baud).



Switch S1 Settings							S-NET Address/Function			Switch S1 Settings							S-NET Address/Function						
1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10				
Off	Off	Off	Off	Off	Off		X	X	EOL	Off-line 0	Off	Off	Off	On	On	Off		X	X	X	24		
On	Off	Off	Off	Off	Off		X	X	X	1	On	Off	Off	On	On	Off		X	X	X	25		
Off	On	Off	Off	Off	Off		X	X	X	2	Off	On	Off	On	On	Off		X	X	X	26		
On	On	Off	Off	Off	Off		X	X	X	3	On	On	Off	On	On	Off		X	X	X	27		
Off	Off	On	Off	Off	Off		X	X	X	4	Off	Off	On	On	On	Off		X	X	X	28		
On	Off	On	Off	Off	Off		X	X	X	5	On	Off	On	On	On	Off		X	X	X	29		
Off	On	On	Off	Off	Off		X	X	X	6	Off	On	On	On	On	Off		X	X	X	30		
On	On	On	Off	Off	Off		X	X	X	7	On	On	On	On	On	Off		X	X	X	31		
Off	Off	Off	On	Off	Off		X	X	X	8	Off	On	Off	On	Off	On		X	X	X	Wiegand I/F (26-bit - 2A HEX) 2-LEDs		
On	Off	Off	On	Off	Off		X	X	X	9	On	On	Off	On	Off	On		X	X	X	Wiegand I/F (34-bit - 2B HEX) 2-LEDs		
Off	On	Off	On	Off	Off		X	X	X	10	Off	Off	On	On	Off	On		X	X	X	Wiegand I/F (26-bit - 2C HEX) 1-LED		
On	On	Off	On	Off	Off		X	X	X	11	On	Off	On	On	Off	On		X	X	X	Wiegand I/F (34-bit - 2D HEX) 1-LED		
Off	Off	On	On	Off	Off		X	X	X	12	Off	On	On	On	Off	On		X	X	X	TEST Mode - 2E HEX		
On	Off	On	On	Off	Off		X	X	X	13	On	On	On	On	Off	On		X	X	X	DEMO Mode - 2F HEX		
Off	On	On	On	Off	Off		X	X	X	14	Off	Off	Off	Off	On	On		X	X	X	Wiegand I/F (42-bit - 30 HEX) 1-LED		
On	On	On	On	Off	Off		X	X	X	15							Off	Off		DKR ONLY			
Off	Off	Off	Off	On	Off		X	X	X	16							On	Off		DKR + VIP			
On	Off	Off	Off	On	Off		X	X	X	17							Off	On		MSR+VIP (MSRK)			
Off	On	Off	Off	On	Off		X	X	X	18							On	On		Wiegand S-NET			
On	On	Off	Off	On	Off		X	X	X	19								Off	X	9600 S-NET Baud			
Off	Off	On	Off	On	Off		X	X	X	20								On	X	19200 S-NET Baud			
On	Off	On	Off	On	Off		X	X	X	21								Off		No End of Line Terminator			
Off	On	On	Off	On	Off		X	X	X	22								On		End of Line Terminator			
On	On	On	Off	On	Off		X	X	X	23													

INTERNAL INTERFACE CABLE

An attached pigtail cable assembly provides the connection from the printed-circuit assembly to the access control unit wiring on a DigiReader DR4208K. The cable is color-coded as follows:

COLOR	FUNCTION	(S-NET Use)	(Wiegand Use)		
Red	+10.8 to +28VDC * (max. draw 130mA)	S-NET Nominal	Wiegand Nominal		
Green	S-NET A	For use with NexWatch access control panels	NA		
White	S-NET B				
Black	GND	S-NET DC Return	Wiegand DC Return		
Shield	Earth	S-NET Shield	Wiegand Shield: Tied to Wiegand DC Return		
Blue	Data 0 (Out 0)	NA	For use with Wiegand access control panels		
Orange	Data 1 (Out 1)				
Yellow	LED 0			(Green)	Both LEDs are ACU-controlled and are ON/low or OFF/high
Brown	LED 1			(Red)	

* For tolerance reasons, the UL tested voltage range is 12.5 to 24VDC +/-15%.

TAMPER

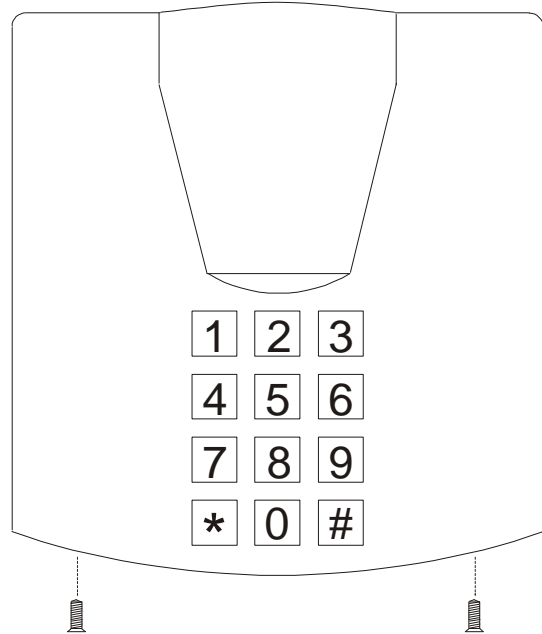
The DR4208K sends a tamper signal to an S-NET-based ACU when a tamper occurs.

WALL-MOUNTING INSTRUCTIONS (WITH SCREWS):

To obtain the maximum performance from the DR4208K reader, NexWatch recommends mounting the reader at least 10 inches away from any conducting metal.

Mount the reader base to the wall, using the back of the unit as a drilling template. Use the NexWatch-supplied 1/4" Flathead #6-32 thread screws (or other means appropriate to the wall composition).

Put the DigiReader cover in place and secure the cover from the bottom with the supplied screws.



Compliance Statement (Part 15.19)

This device complies with Part 15 Subpart C of the FCC rules and with the RSS-210 of Industry Canada. Operation is subject to the following two conditions: 1) This device may not cause harmful interference; and 2) This device must accept any interference received, including interference that may cause undesired operation.

Warning (Part 15.21)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FOR FURTHER DETAILS: Please consult, via the Internet, the DigiReader Series Installation and Operation Manual, Part Number 6600025.

an ISO 9001 certified company

NexWatch

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