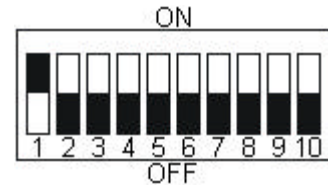


DIGIREADER DR4208K INSTALLATION NOTES

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
1	2	3	4	5	6	7	8	9	10	
Off	Off	Off	Off	Off	Off		X	X	EOL	Off-line 0
On	Off	Off	Off	Off	Off		X	X	X	1
Off	On	Off	Off	Off	Off		X	X	X	2
On	On	Off	Off	Off	Off		X	X	X	3
Off	Off	On	Off	Off	Off		X	X	X	4
On	Off	On	Off	Off	Off		X	X	X	5
Off	On	On	Off	Off	Off		X	X	X	6
On	On	On	Off	Off	Off		X	X	X	7
Off	Off	Off	On	Off	Off		X	X	X	8
On	Off	Off	On	Off	Off		X	X	X	9
Off	On	Off	On	Off	Off		X	X	X	10
On	On	Off	On	Off	Off		X	X	X	11
Off	Off	On	On	Off	Off		X	X	X	12
On	Off	On	On	Off	Off		X	X	X	13
Off	On	On	On	Off	Off		X	X	X	14
On	On	On	On	Off	Off		X	X	X	15
Off	Off	Off	Off	On	Off		X	X	X	16
On	Off	Off	Off	On	Off		X	X	X	17
Off	On	Off	Off	On	Off		X	X	X	18
On	On	Off	Off	On	Off		X	X	X	19
Off	Off	On	Off	On	Off		X	X	X	20
On	Off	On	Off	On	Off		X	X	X	21
Off	On	On	Off	On	Off		X	X	X	22
On	On	On	Off	On	Off		X	X	X	23

Switch S1 Settings										S-NET Address/Function
1	2	3	4	5	6	7	8	9	10	
Off	Off	Off	On	On	Off		X	X	X	24
On	Off	Off	On	On	Off		X	X	X	25
Off	On	Off	On	On	Off		X	X	X	26
On	On	Off	On	On	Off		X	X	X	27
Off	Off	On	On	On	Off		X	X	X	28
On	Off	On	On	On	Off		X	X	X	29
Off	On	On	On	On	Off		X	X	X	30
On	On	On	On	On	Off		X	X	X	31
Off	On	Off	On	Off	On		X	X	X	Wiegand I/F (26-bit - 2A HEX) 2-LEDs
On	On	Off	On	Off	On		X	X	X	Wiegand I/F (34-bit - 2B HEX) 2-LEDs
Off	Off	On	On	Off	On		X	X	X	Wiegand I/F (26-bit - 2C HEX) 1-LED
On	Off	On	On	Off	On		X	X	X	Wiegand I/F (34-bit - 2D HEX) 1-LED
Off	On	On	On	Off	On		X	X	X	TEST Mode - 2E HEX
On	On	On	On	Off	On		X	X	X	DEMO Mode - 2F HEX
Off	Off	Off	Off	On	On		X	X	X	Wiegand I/F (42-bit - 30 HEX) 1-LED
						Off	Off			DKR ONLY
						On	Off			DKR + VIP
						Off	On			MSR+VIP (MSRK)
						On	On			Wiegand S-NET
								Off	X	9600 S-NET Baud
								On	X	19200 S-NET Baud
									Off	No End of Line Terminator
									On	End of Line Terminator

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		
Brown	LED 1		
			(Green) Both LEDs are ACU-controlled and are ON/low or OFF/high
			(Red)

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

TAMPER

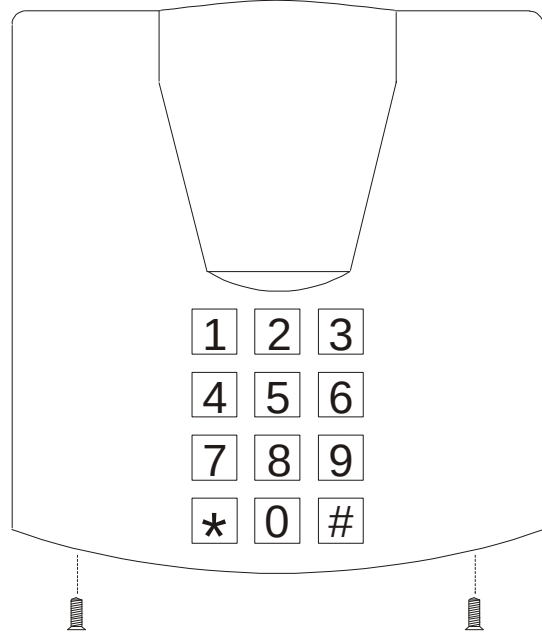
The DR4208K sends a tamper signal to an S-NET-based ACU when a tamper occurs.

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

Contacting Customer Service:
47102 Mission Falls Court
Fremont, CA 94539-7818

TOLL FREE: 1-800-227-1667 Monday - Friday 6 am - 6 pm (PT)

PHONE (510) 360-7800 E-mail: help@nexwatch.com

FAX (510) 360-7820 Internet: <http://www.nexwatch.com>

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