## (1) - Reader Settings

Reader Type		Controller	
SP-MINI	SP-KPV	2000 / 4000	
RED (Vcc)	RED (Vcc)	Vcc <sup>1</sup>	
BLACK (0v)	BLACK (0v)	0v <sup>1</sup>	
GREEN (Data0)	GREEN (Data0)	Clk <sup>2</sup>	
WHITE (Data1)	WHITE (Data1)	Dat <sup>3</sup>	
BROWN (Led)	BROWN (Led)	Led <sup>4</sup>	
N/A	YELLOW (Buzz)	Buzz	

Reader power wires should connect to the PSU Board

<sup>2</sup> The board is printed clk1, clk1o, clk2, and clk2o.

<sup>3</sup> The board is printed dat1, dat1o, dat2, and dat2o.

<sup>4</sup> The board is printed led1, led2, led4, and led5.

## (2) - Format Settings

- Locate the DS2 switch on the 1 🔲 on
- lower-left of the panel.  $\begin{array}{c} 2 \\ 2 \\ 3 \\ 4 \\ \end{array}$

For most proximity and biometric readers, ensure that switches

DS2

2 and 4 are set to ON (right). 1 and 3 should be OFF (left). BI5000 Rev. D

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## (3) - Address Settings



on	Locate the JP4 switch at the bottom-middle of the panel.
	For most proximity and
┓	biometric readers, ensure
	that switch 6 is set to ON
	(right). All others should be
4	OFF (left).

Switch 1 2 3 4 5	Address	Switch 1 2 3 4 5	Address
00000	00	00001	16
10000	01	10001	17
01000	02	01001	18
11000	03	11001	19
00100	04	00101	20
10100	05	10101	21
01100	06	01101	22
11100	07	11101	23
00010	08	00011	24
10010	09	10011	25
01010	10	01011	26
11010	11	11011	27
00110	12	00111	28
10110	13	10111	29
01110	14	01111	30
11110	15	11111	31



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