

ION 8650 Retrofit JEMSTAR Cable Connections (SUSI # SWIITSJ_-JEMSXP-M8650) I/O Expander Module

4/26/2018
650-2014-03-A

PCB / TB (28 pos)	Wire Length (")	Cable ID	ION 8650 Description	Internal Plug	Pin	P1 Wire Color	P6 Wire Color
1 (RJ11-4)	4	Cable 1	MODEM-RING	P1	30	GREEN	
2 (RJ11-3)	4	Cable 1	MODEM-TIP	P1	29	RED	
3	4.5	Cable 1	24 pin Molex pin - 9	P1	17	WHITE	WHITE/GREEN
4	2.5	Cable 1	24 pin Molex pin - 14	P1	4	BLACK	BLACK
5	4.5	Cable 1	24 pin Molex pin - 21	P1	18	GREEN	GREEN/WHITE
6	2.5	Cable 1	24 pin Molex pin - 15	P1	6	RED	RED
7	2.5	Cable 1	24 pin Molex pin - 4	P1	7	GREEN	GREEN
8	2.5	Cable 1	24 pin Molex pin - 16	P1	8	BROWN	BROWN
9	2.5	Cable 1	24 pin Molex pin - 5	P1	9	BLUE	BLUE
10	2.5	Cable 1	24 pin Molex pin - 17	P1	10	ORANGE	ORANGE
11	2.5	Cable 1	24 pin Molex pin - 6	P1	11	YELLOW	RED/BLUE
12	2.5	Cable 1	24 pin Molex pin - 18	P1	12	PURPLE	BLUE/RED
13	2.5	Cable 1	24 pin Molex pin - 7	P1	13	BLACK	BLACK
14	2.5 (20 AWG)	Cable 1	24 pin Molex pin - 19	P1	14	BLACK	BLACK & BLACK/BROWN
15	2.5	Cable 1	24 pin Molex pin - 8	P1	15	YELLOW	WHITE/GREEN
16	2.5	Cable 1	24 pin Molex pin - 20	P1	16	GRAY	ORANGE/WHITE
17 (RJ45-1)	4	Cable 1	ETHERNET-TXP	P1	28	PURPLE	
18 (RJ45-2)	4	Cable 1	ETHERNET-TXN	P1	27	GREEN	
19 (RJ45-3)	4	Cable 1	ETHERNET-RXP	P1	26	PURPLE	
20 (RJ45-6)	4	Cable 1	ETHERNET-RXN	P1	25	BROWN	
21	4.25	Cable 1	24 pin Molex pin - 11	P1	21	GRAY	WHITE/GRAY
22	4.25	Cable 1	24 pin Molex pin - 10	P1	19	BROWN	WHITE/BROWN
23	4.25	Cable 1	24 pin Molex pin - 22	P1	20	PURPLE	BROWN/WHITE
24	4 (20 AWG)	Cable 1	24 pin Molex pin - 24	P1	24	RED	RED & RED
25	5	Cable 1	24 pin Molex pin - 1	P1	1	WHITE	WHITE/BLUE
26	3.5 (20 AWG)	Cable 1	AUX Power L(+)	P1	35	RED	
27	5	Cable 1	24 pin Molex pin - 13	P1	2	BLUE	BLUE/WHITE
28	3.5 (20 AWG)	Cable 1	AUX Power N(-)	P1	34	BLACK	
Pin on back of case	3.5 (20 AWG)	Cable 2	AUX Power GND	P1	33	GREEN	
			24 pin Molex pin - 2		NC		
			24 pin Molex pin - 3		NC		
			24 pin Molex pin - 12		NC		
			24 pin Molex pin - 23		NC		

Connectors		
P1 & P6	36 pin Molex connector	Internal
P2	18 pin Molex connector	Internal