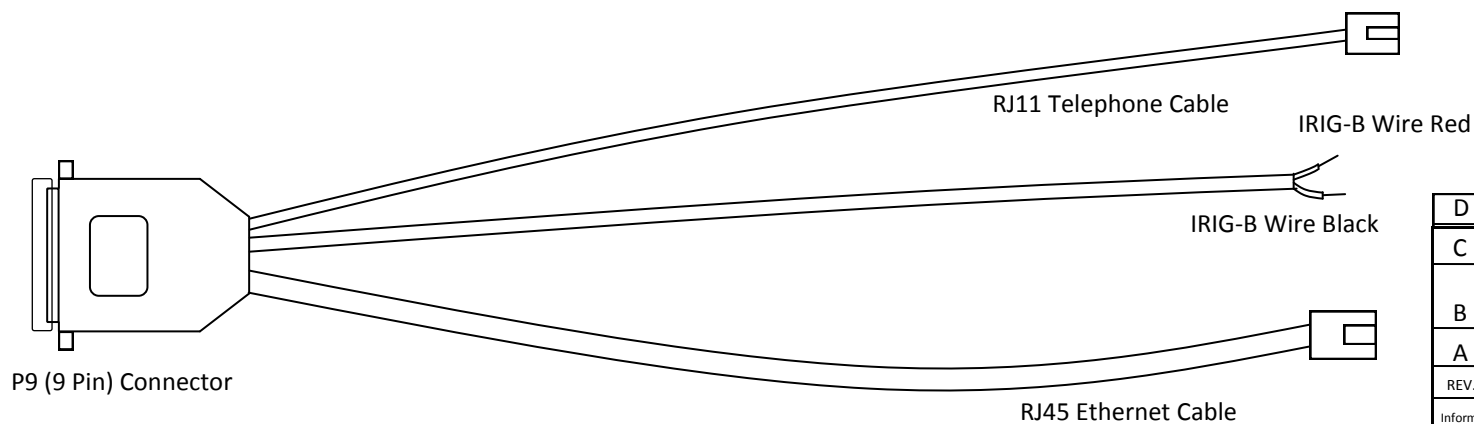
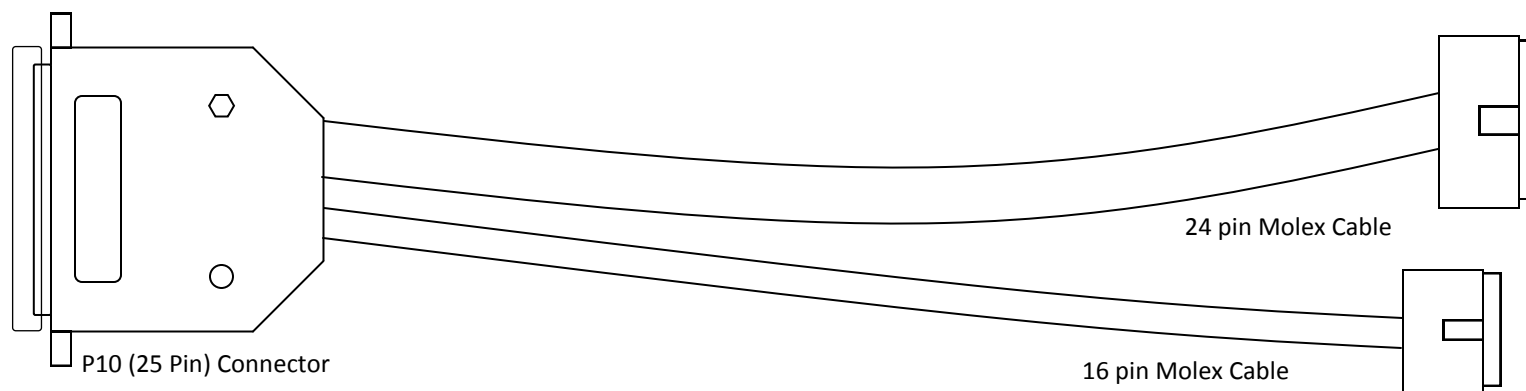
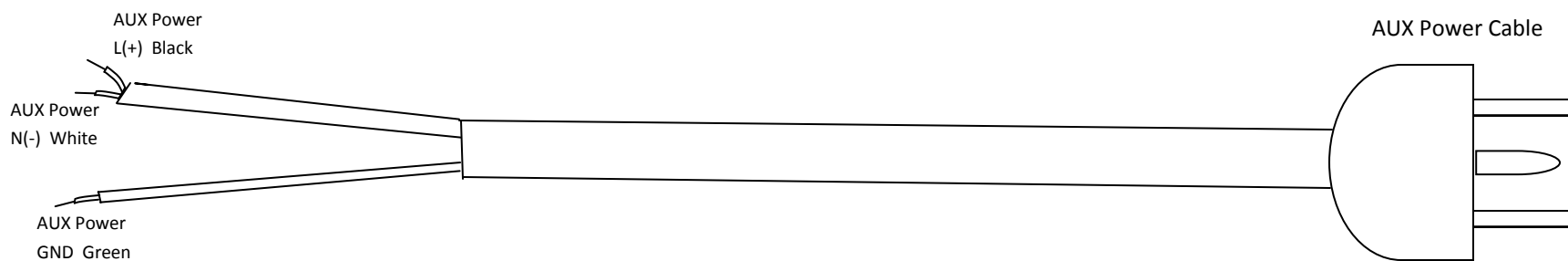




D	12/12/2015	CM	Corrected 16 pin pin #s
C	12/17/2014	MS	Changed QK to QK1
B	6/24/2013	MS	Swapped P9-4&5 and added RJ45 & RJ11 Details
A	5/28/2013	MS	Initial Release
REV.	DATE	BY	REVISION DESCRIPTION
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		DATE: 5/28/13 DWN: MDS	ION 8650-QK1 Cable
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ION 8650-QK1 Cable Pinouts

Internal Cable			External Cable				
Description	Plug	Pin	Plug	Pin	Wire Color	Cable	Pin
OUTPUT C1-K	P4 (18 pin Molex)	1	P10 (25 pin)	2	Black	16 pin Molex cable	1
OUTPUT C2-Z	P4 (18 pin Molex)	3	P10 (25 pin)	6	Red	16 pin Molex cable	3
OUTPUT C2-Y	P4 (18 pin Molex)	5	P10 (25 pin)	4	Orange	16 pin Molex cable	5
OUTPUT C3-K	P4 (18 pin Molex)	7	P10 (25 pin)	8	White/black	16 pin Molex cable	7
OUTPUT C4-Z	P4 (18 pin Molex)	9	P10 (25 pin)	12	Green/black	16 pin Molex cable	9
OUTPUT C4-Y	P4 (18 pin Molex)	11	P10 (25 pin)	10	Blue/black	16 pin Molex cable	11
OUTPUT A1-K	P4 (18 pin Molex)	13	P10 (25 pin)	14	Red/white	16 pin Molex cable	13
INPUT SCOM	P4 (18 pin Molex)	15	P10 (25 pin)	24	Blue/white	16 pin Molex cable	15
OUTPUT C1-Z	P4 (18 pin Molex)	2	P10 (25 pin)	3	White	16 pin Molex cable	2
OUTPUT C1-Y	P4 (18 pin Molex)	4	P10 (25 pin)	1	Green	16 pin Molex cable	4
OUTPUT C2-K	P4 (18 pin Molex)	6	P10 (25 pin)	5	Blue	16 pin Molex cable	6
OUTPUT C3-Z	P4 (18 pin Molex)	8	P10 (25 pin)	9	Red/black	16 pin Molex cable	8
OUTPUT C3-Y	P4 (18 pin Molex)	10	P10 (25 pin)	7	Orange/black	16 pin Molex cable	10
OUTPUT C4-K	P4 (18 pin Molex)	12	P10 (25 pin)	11	Black/white	16 pin Molex cable	12
OUTPUT A1-Y	P4 (18 pin Molex)	14	P10 (25 pin)	15	Green/white	16 pin Molex cable	14
INPUT S1	P4 (18 pin Molex)	16	P10 (25 pin)	25	Black/brown	16 pin Molex cable	16

COM4 RS-485 DATA +	P1 (36 pin Molex)	1	P10 (25 pin)	21	White/blue	24 pin Molex cable	1
COM1 RS-232 TXD	P1 (36 pin Molex)	7	P10 (25 pin)	16	Green	24 pin Molex cable	4
COM1 RS-485 DATA +	P1 (36 pin Molex)	11	P10 (25 pin)	19	Red/blue	24 pin Molex cable	6
Com1 RS-485 shield	P1 (36 pin Molex)	13	P10 (25 pin)	23	Black	24 pin Molex cable	7
COM4 RS-485 DATA -	P1 (36 pin Molex)	2	P10 (25 pin)	22	Blue/white	24 pin Molex cable	13
COM1 RS-232 RXD	P1 (36 pin Molex)	6	P10 (25 pin)	17	Red	24 pin Molex cable	15
COM1 RS-232 GRND	P1 (36 pin Molex)	10	P10 (25 pin)	18	Orange	24 pin Molex cable	17
COM1 RS-485 DATA -	P1 (36 pin Molex)	12	P10 (25 pin)	20	Blue/red	24 pin Molex cable	18

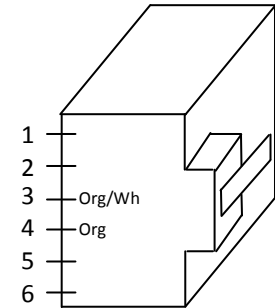
MODEM-TIP	P1 (36 pin Molex)	29	P9 (9 pin)	5	White/orange	RJ11 Telephone Cable	3
MODEM-RING	P1 (36 pin Molex)	30	P9 (9 pin)	4	Orange	RJ11 Telephone Cable	4

ETHERNET-RXN	P1 (36 pin Molex)	25	P9 (9 pin)	6	Brown	RJ45 Ethernet Cable	6
ETHERNET-RXP	P1 (36 pin Molex)	26	P9 (9 pin)	7	White/brown	RJ45 Ethernet Cable	3
ETHERNET-TXN	P1 (36 pin Molex)	27	P9 (9 pin)	8	Green	RJ45 Ethernet Cable	2
ETHERNET-TXP	P1 (36 pin Molex)	28	P9 (9 pin)	9	White/green	RJ45 Ethernet Cable	1

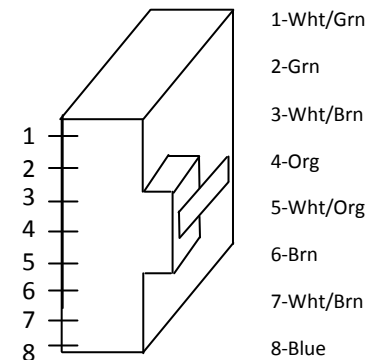
IRIG-B+	P4 (18 pin Molex)	17	P9 (9 pin)	1	Red	Twisted Pair	
IRIG-B-	P4 (18 pin Molex)	18	P9 (9 pin)	2	Black	Twisted Pair	

AUX Power GND	P1 (36 pin Molex)	33	Back of Case	GND	Green	120 V plug	Round	Optional
AUX Power N(-)	P1 (36 pin Molex)	34	Back of Case	15	White	120 V plug	Wide blade	Optional
AUX Power L(+)	P1 (36 pin Molex)	35	Back of Case	16	Black	120 V plug	Narrow Blade	Optional

RJ11 Telephone



RJ45 Ethernet



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			ION 8650-QK1 Cable
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