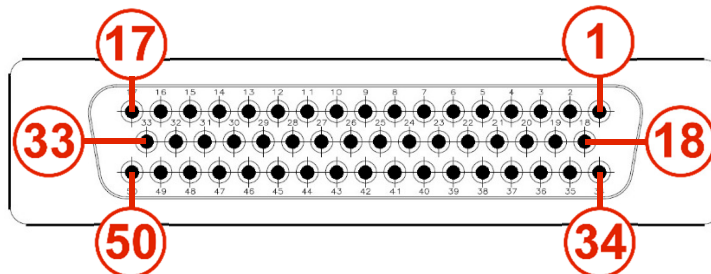


Appendix D

Pinout of I/O Connectors

Cortex-360:



50 position D-Sub Connector

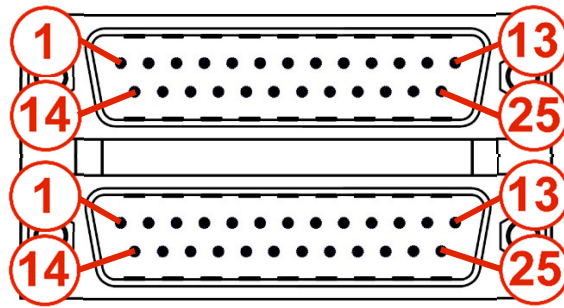
Status (D)
Metering (A)
Relay (R)
GND
Aux. supply

I/O 1	
1	GND
2	A02+
3	A02-
4	GND
5	GND
6	R04NC
7	R04COM
8	R04NO
9	R03NO
10	R03COM
11	R03NC
12	R02NC
13	R02COM
14	R02NO
15	R01NO
16	R01COM
17	R01NC
18	A01+
19	A03+
20	A03-
21	GND
22	GND

I/O 2	
1	GND
2	A06+
3	A06-
4	GND
5	GND
6	R08NC
7	R08COM
8	R08NO
9	R07NO
10	R07COM
11	R07NC
12	R06NC
13	R06COM
14	R06NO
15	R05NO
16	R05COM
17	R05NC
18	A05+
19	A07+
20	A07-
21	GND
22	GND

23	GND
24	+12V
25	D04-
26	D04+
27	D03-
28	D03+
29	D02-
30	D02+
31	D01-
32	D01+
33	+5V
34	GND
35	A01-
36	A04+
37	A04-
38	GND
39	GND
40	GND
41	GND
42	D08-
43	D08+
44	D07-
45	D07+
46	D06-
47	D06+
48	D05-
49	D05+
50	GND

23	GND
24	+12V
25	D12-
26	D12+
27	D11-
28	D11+
29	D10-
30	D10+
31	D09-
32	D09+
33	+5V
34	GND
35	A05-
36	A08+
37	A08-
38	GND
39	GND
40	GND
41	GND
42	D16-
43	D16+
44	D15-
45	D15+
46	D14-
47	D14+
48	D13-
49	D13+
50	GND



DB-25 Male-Male Connector

Status (D)	
Metering (A)	
Relay (R)	
GND	
Aux. supply	
Metering	
1	A11
2	GND
3	A09
4	GND
5	A07
6	GND
7	A05
8	GND
9	A03
10	GND
11	A01
12	GND
13	+12V
14	A12
15	GND
16	A10
17	GND
18	A08
19	GND
20	A06
21	GND
22	A04
23	GND
24	A02
25	GND

Relays/Status	
1	R06 NO/NC
2	R05 COM
3	R05 NO/NC
4	R04 COM
5	R04 NO/NC
6	R03 NO
7	R03 COM
8	R03 NC
9	R02 NC
10	R02 COM
11	R02 NO
12	R01 NO
13	R01 COM
14	R06 COM
15	D04+
16	D04-
17	D03+
18	D03-
19	D02+
20	D02-
21	D01+
22	D01-
23	+5V
24	GND
25	R01 NC