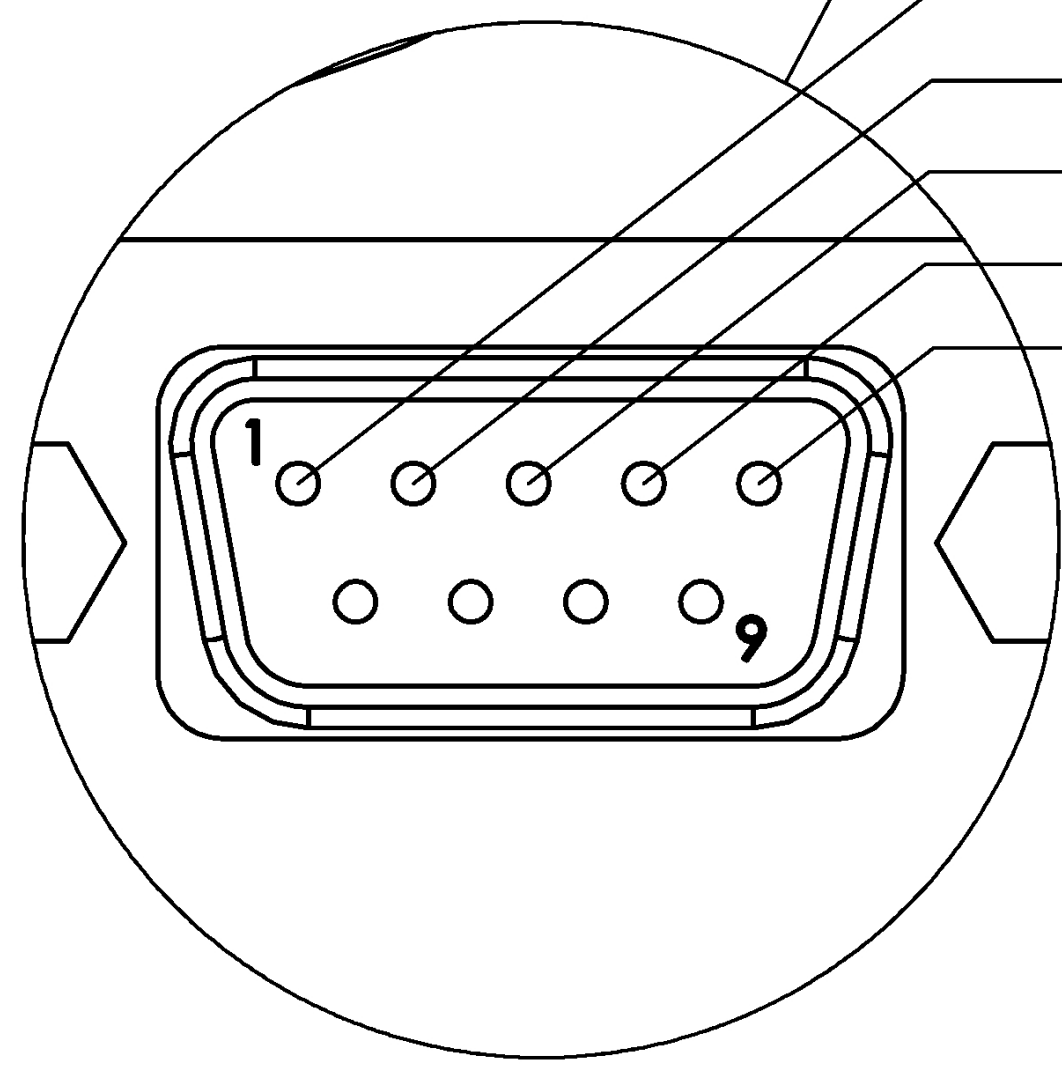
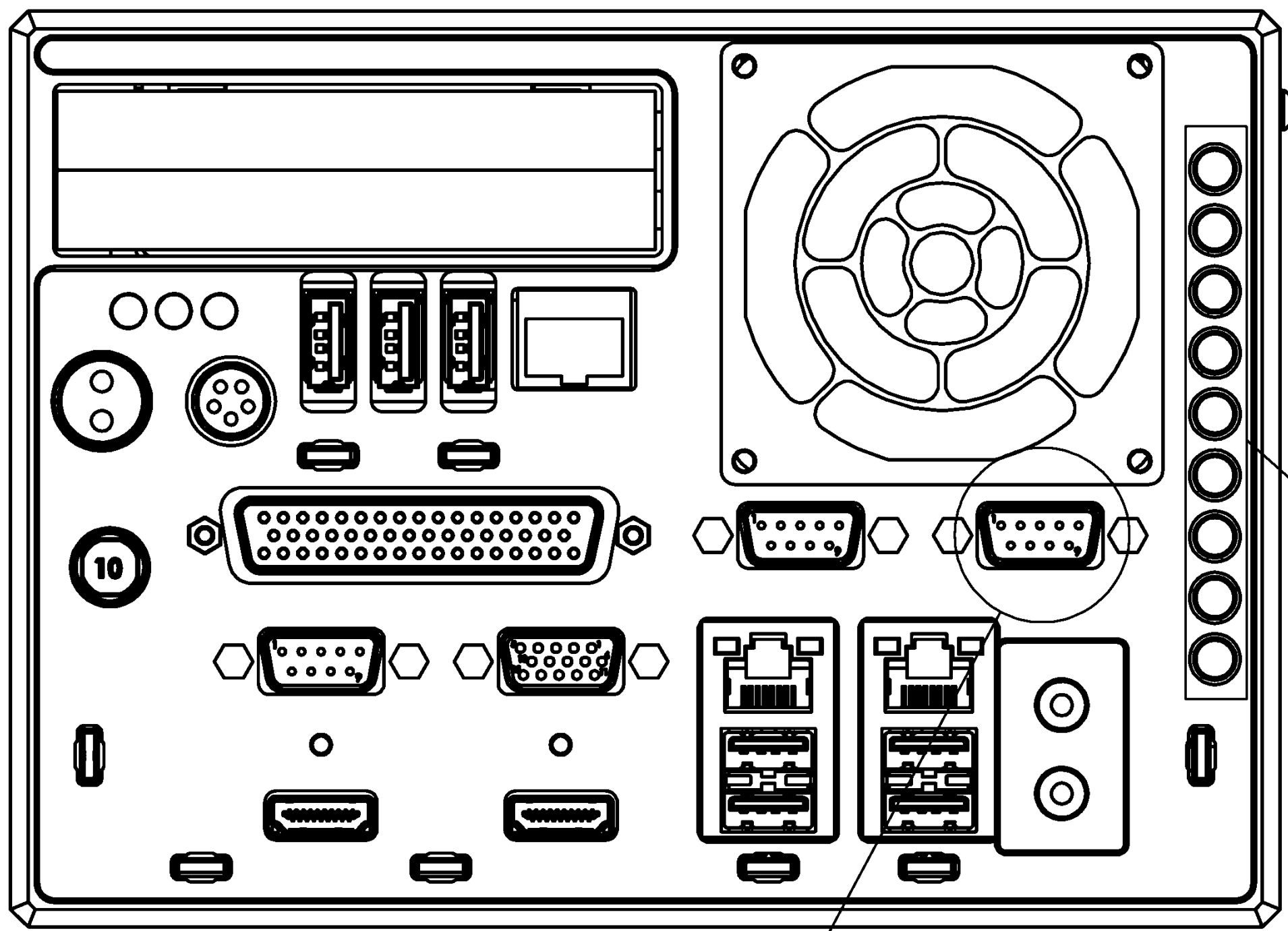


ARS-500 FRONT PANEL



FLIR W3P6

PIN3. RX-
 PIN7. RX+
 PIN8. TX+
 PIN2. TX-
 SHELL = GND

DB9 PORT: RS-422

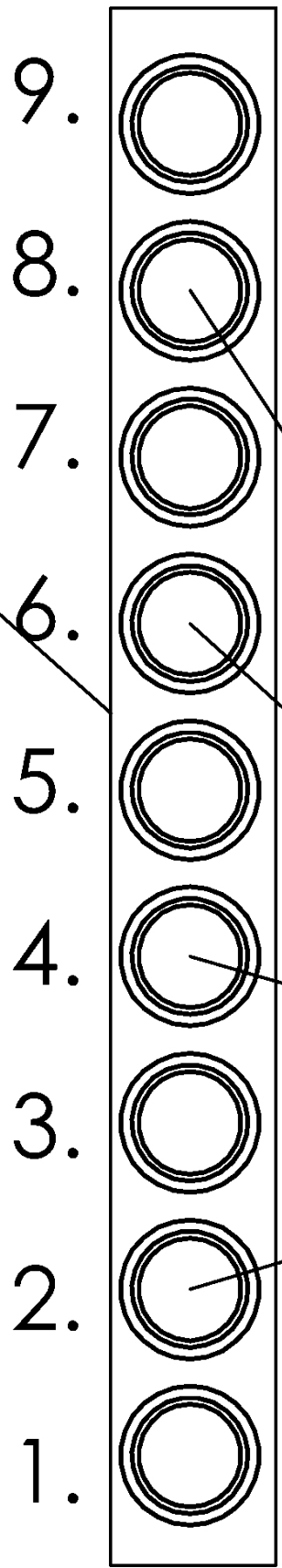
PIN1. TX-
 PIN2. TX+
 PIN3. RX+
 PIN4. RX-
 PIN5. GND

PINS 6-9. NC
 SHELL = GND

THE SCHEMATIC BELOW SHOWS APPROPRIATE ELECTRICAL CONNECTIONS FOR USING THE FLIR STAR SAFIRE 380 HD WITH THE ARS-500C FROM **CHURCHILL NAVIGATION**.

BNC 1.0/2.3 PORTS (x9)
 HD/SD-SDI INPUT/OUTPUT

1. REF.
2. VIDEO1 IN
3. VIDEO1 OUT
4. VIDEO2 IN
5. VIDEO2 OUT
6. VIDEO3 IN
7. VIDEO3 OUT
8. VIDEO 4 IN
9. VIDEO 4 OUT



FLIR HD-SDI

HDVID3. W2P5
 HDVID2. W2P4
 HDVID1. W2P3
 HDVID0. W2P2

CHURCHILL
 NAVIGATION

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NAME DATE
 RMW 10/24/12
 DJB 10/24/12
 COMMENTS:

ALL DIM IN MM [IN]
 WEIGHT IN LBS [KG]

DO NOT SCALE DRAWING

CHURCHILL NAVIGATION

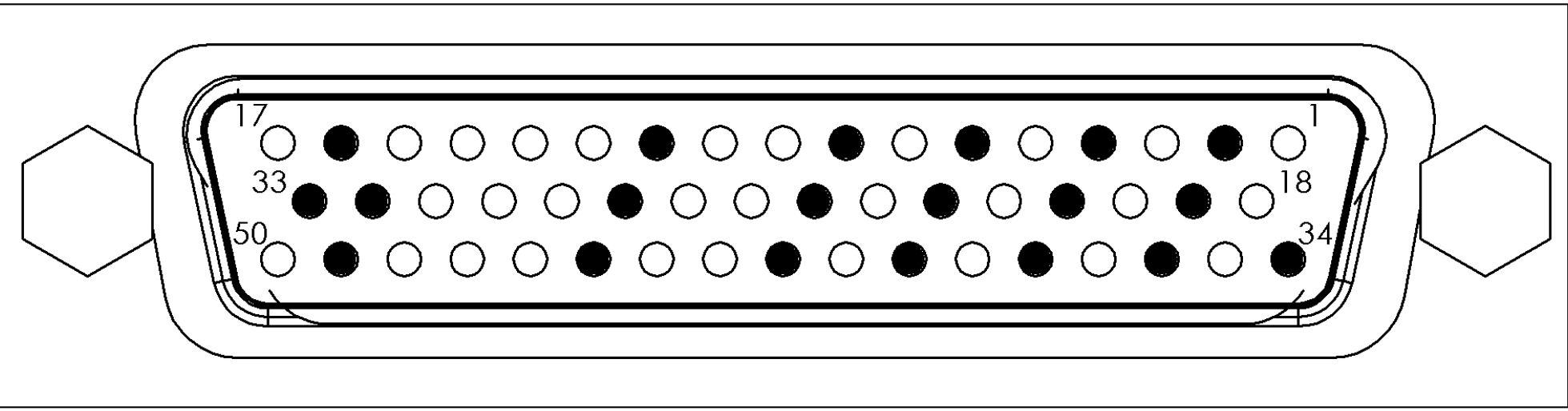
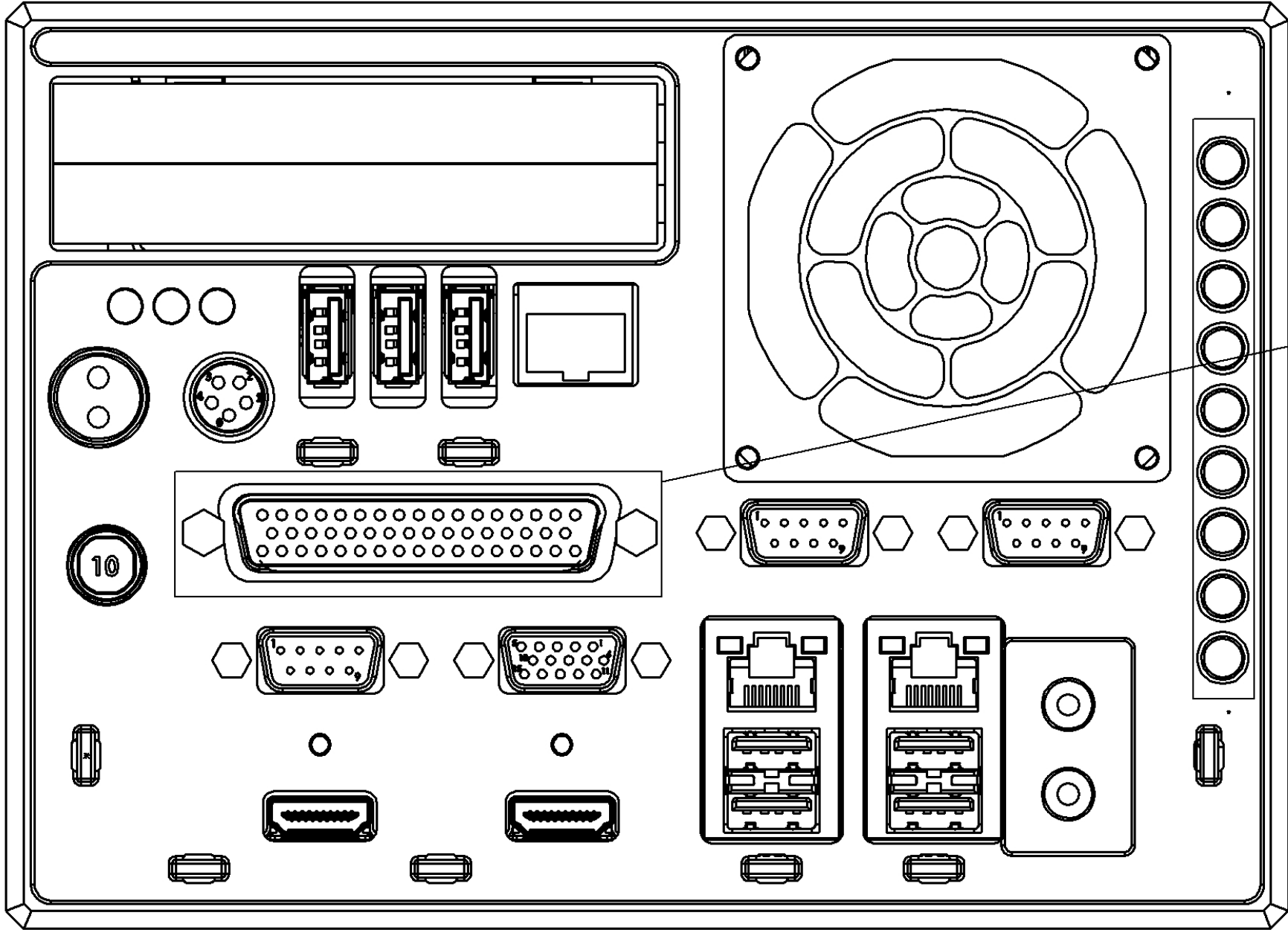
TITLE:
 ARS-500C to FLIR STAR
 SAFIRE 380 HD

SIZE DWG. NO.
A ARS-500C

REV
 2

SHEET 1 OF 2

ARS-500 FRONT PANEL



DB50 PORT: PWRBTN, DIO, PS/2, 4 x RS-232

PIN1. RS-232a RX	PIN18. RS-232a TX	PIN35. RS-232a GND
PIN3. RS-232b RX	PIN20. RS-232b TX	PIN37. RS-232b GND
PIN5. RS-232c RX	PIN22. RS-232c TX	PIN39. RS-232c GND
PIN7. RS-232d RX	PIN24. RS-232d TX	PIN41. RS-232d GND
PIN9. PS/2 Vcc	PIN26. PS/2 MOUSE CLK	PIN43. PS/2 KEYBRD CLK
PIN10. PS/2 MOUSE CLK	PIN27. PS/2 KEYBRD DATA	PIN44. PS/2 GND
PIN12. DIO GND	PIN29. DIO O1	PIN46. DIO I2
PIN13. DIO Vcc	PIN30. DIO O0	PIN47. DIO I1
PIN14. DIO O3	PIN31. DIO I3	PIN48. DIO I0
PIN15. DIO O2		
PIN17. PWRBTN+		PIN50. PWRBTN-

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	NAME	DATE	CHURCHILL NAVIGATION		
DRAWN	RMW	9/5/12	TITLE: ARS-500C to FLIR 380HD		
CHECKED	DJB	9/24/12			
ENG APPR.					
MFG APPR.					
Q.A.					
COMMENTS:			SIZE	DWG. NO.	REV
ALL DIM IN MM [IN] WEIGHT IN LBS [KG]			A	ARS-500C	2
DO NOT SCALE DRAWING					SHEET 2 OF 2