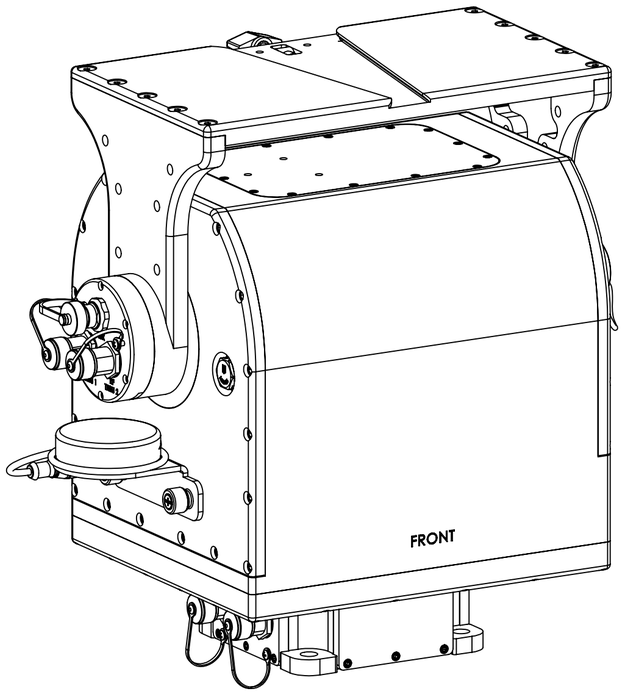
REV	DESCRIPTION	DATE	APPROVED
A	IR802056	2025-08-18	CLC

NOTES: UNLESS OTHERWISE SPECIFIED

1. LINKASAT-360VPR-30 CONFIGURABLE OPTIONS PER TABLE I
2. USE INTERFACE CONTROL DRAWING IN CONJUNCTION WITH DATASHEET N500282 (LS-360VPR-30), N500278 (LS-360VPR-31) & N500283 (LS-360VPR-32)
3. SEE TABLE II FOR AVAILABLE LINKALIGN-360VPR-30 ACCESSORY OPTIONS
4. POSITIONER POWERED BY POWER OVER ETHERNET 50-57 VDC, 4 PAIR, PoH (INDOOR RATED 54 VDC POWER SUPPLY INCLUDED WITH POSITIONER. NOT SHOWN IN DRAWING). OPTIONAL DC POWER INPUT MAY BE USED AS ALTERNATE CUSTOM CONFIGURATION, 20-60 V. STANDBY POWER DRAWS LESS THAN 16 W. MAXIMUM POWER DRAW, 95 W
5. EXTERNAL CONSTRUCTION COMPRISED OF HARD COAT ANODIZE ALUMINUM WITH STAINLESS STEEL HARDWARE
6. 440° (+/-220°) AZIMUTH TRAVEL WITH 2.6°/SEC DRIVE RATE (NO LOAD). DRIVE RATE CUSTOMIZABLE (SEE TABLE I). OPTIONAL CONTINUOUS AZIMUTH RANGE OF MOTION AVAILABLE UTILIZING A SLIP RING AND RF ROTARY JOINT. CONTACT NEXTMOVE FOR ADDITIONAL INFORMATION
7. 190° (+/-95°) ELEVATION TRAVEL WITH 0.7°/SEC DRIVE RATE (NO LOAD). DRIVE RATE CUSTOMIZABLE. CONTACT NEXTMOVE FOR ADDITIONAL INFORMATION
8. -4° TO 140°F (-20° TO 60°C) OPERATIONAL TEMPERATURE RANGE OR -40° TO -140°F (-40° TO 60°C) WITH EXTENDED TEMPERATURE RANGE OPTION (SEE TABLE I). -40° TO 158°F (-40° TO 70°C) NON-OPERATIONAL TEMPERATURE RANGE
9. 0.1° FEEDBACK RESOLUTION FOR STANDARD POSITIONER IN ALL AXES. 0.01° FEEDBACK RESOLUTION FOR POSTIONERS WITH ENCODER OPTIONS IN ALL AXES
10. AZIMUTH AND ELEVATION BACKLASH LESS THAN 0.15°
11. 13.50" (34.3 cm) HIGH X 14.46" (36.7 cm) WIDE X 8.25" (21.0 cm) DEEP. DIMENSIONS APPLY WHEN POSITIONER IS AT 0° AZIMUTH AND 0° ELEVATION ANGLES
12. WEIGHT APPROXIMATELY 42.5 LBS (19.3 kg)
13. PAYLOAD SHALL NOT EXCEED 100 LBS (45.4 kg) OR 135 FT-LBS (183 Nm) OF TORQUE ABOUT THE ELEVATION AXIS. TO CALCULATE TORQUE, TAKE THE DISTANCE FROM THE PAYLOAD CENTER OF GRAVITY TO DATUM -B- IN FEET AND MULTIPLY BY THE PAYLOAD WEIGHT. MAXIMUM OPERATING TORQUE MAY BE REDUCED AT TEMPERATURES BELOW 17°F (-8°C) AND/OR WITH USE OF PERIPHERAL DEVICES. ELEVATION TORQUE IS CUSTOMIZABLE. CONTACT NEXTMOVE FOR ADDITIONAL INFORMATION
14. CENTER OF GRAVITY 0.3" (0.8 cm) IN THE X-DIRECTION, 6.0" (15.2cm) IN THE Y-DIRECTION AND 0.1" (0.3 cm) IN THE Z-DIRECTION
15. DOVETAIL GROOVE USED FOR ANTENNA ADAPTER BRACKETS (NOT INCLUDED). ONCE ADAPTER BRACKET IS SLID INTO PLACE USE INDICATED KNOB TO SECURE BRACKET
16. TABLE TOP MOUNTING HOLES USES NEXTMOVE TYPE 4.000-P INTERFACE. ACCESSORIES AVAILABLE TO MATE WITH THIS INTERFACE (SEE TABLE II). CONTACT NEXTMOVE FOR ADDITIONAL INFORMATION
17. USE RED BUTTON TO "STOW" POSITIONER, GREEN BUTTON TO "ACQUIRE" SIGNAL AND PRESS BOTH RED AND GREEN BUTTON SIMULTANEOUSLY TO PERFORM COMPASS CALIBRATION
18. RF PASS THRU COMPRISED OF TWO 20" (50 cm) DC-3GHz N-TYPE FEMALE TO N-TYPE FEMALE CABLE. RF PASS THRU IS CUSTOMIZABLE (SEE TABLE I AND TABLE III ON SHEET 2). CONTACT NEXTMOVE FOR ADDITONAL INFORMATION
19. PASS THRU CONNECTORS MAY BE CUSTOMIZED UPON REQUEST. CONTACT NEXTMOVE FOR MORE INFORMATION
20. ETHERNET PASS THRU USES 24 INCH LONG CAT5e ETHERNET CABLE
21. OPTIONAL SIGNAL PASS THRU WIRES ABLE TO CARRY UP TO 60 VAC / 75 VDC, 2A
22. OPTIONAL SERIAL CONNECTOR USED FOR NEXTMOVE HANDHELD CONTROLLER OR USER'S SERIAL COMMUNICATION DEVICE

21. SUPPLEMENTAL INTERFACE CONTROL DRAWING FOR CUSTOM CONFIGURATIONS AVAILABLE UPON REQUEST



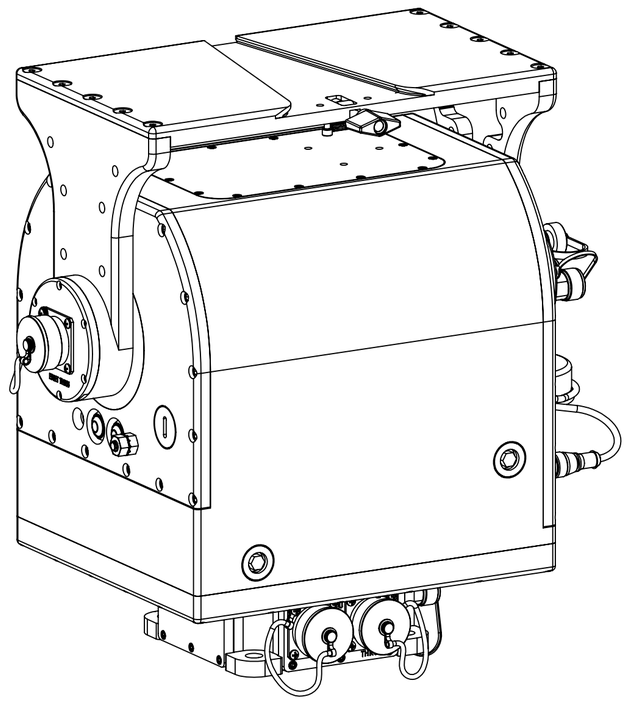


TABLE I

BUILDING A PART NUMBER ***STANDARD OPTIONS***

LS-360VPR - 30 - ___ - 100 <<EXAMPLE

SHIELDED ETHERNET CABLE STANDARD LENGTHS

050 = 50 ft
100 = 100 ft
150 = 150 ft
200 = 200 ft
250 = 250 ft
300 = 300 ft
XXX = Custom length in feet
XXXC = Add "C" to end of cable length for unterminated mating connector

CUSTOM CONFIGURATION

= Standard options - leave blank
ME = Motor with Integral Encoder
OE = On-Axis Ablsolute Encoder
2RF05 = Use Qty then RF Cable Code - See RF Pass Thru Options Table III for Code
2PT10 = (2) 10 Pin Signal Pass Thrus
DC = DC Power
GR = GHU Ready
ET1 = Extended Temperature
S = Serial Connector

MOTOR DRIVES AND PAYLOAD

30 = Az Travel @ 2.6°/s, El Travel @ 0.7°/s, El torque 135 ft-lbs, 100 lb payload. Typically paired with 2-3 ft antennas
31 = Az Travel @ 4.6°/s, El Travel @ 1.2°/s, El torque 135 ft-lbs, 100 lb payload. Typically paired with 2-3 ft antennas
32 = Az Travel @ 2.6°/s, El Travel @ 2.5°/s, El torque 42 ft-lbs, 100 lb payload. Typically paired with 2-3 ft antennas

MODEL

LS-360VPR = LinkAlign-360VPR (+/-220° azimuth, +/-95° elevation)

SYMBOL KEY

NOTE PL ITEMS

PROPRIETARY AND CONFIDENTIAL
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NEXTMOVE TECHNOLOGIES, LLC
HOLLIS, NH 03049
www.nextmovetech.com

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGLE ± .5 DEGREES
TWO PLACE DECIMAL ±.030
THREE PLACE DECIMAL ±.010

INTERPRET DIM AND TOL PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

DRAWN	C. CHEYNE	2025-08-18
CHECKED	S. CHEYNE	2025-08-18
ME APPR.	C. CHEYNE	2025-08-18
EE APPR.		

PART NO.
SEE TABLE I

NEXTMOVE TECHNOLOGIES

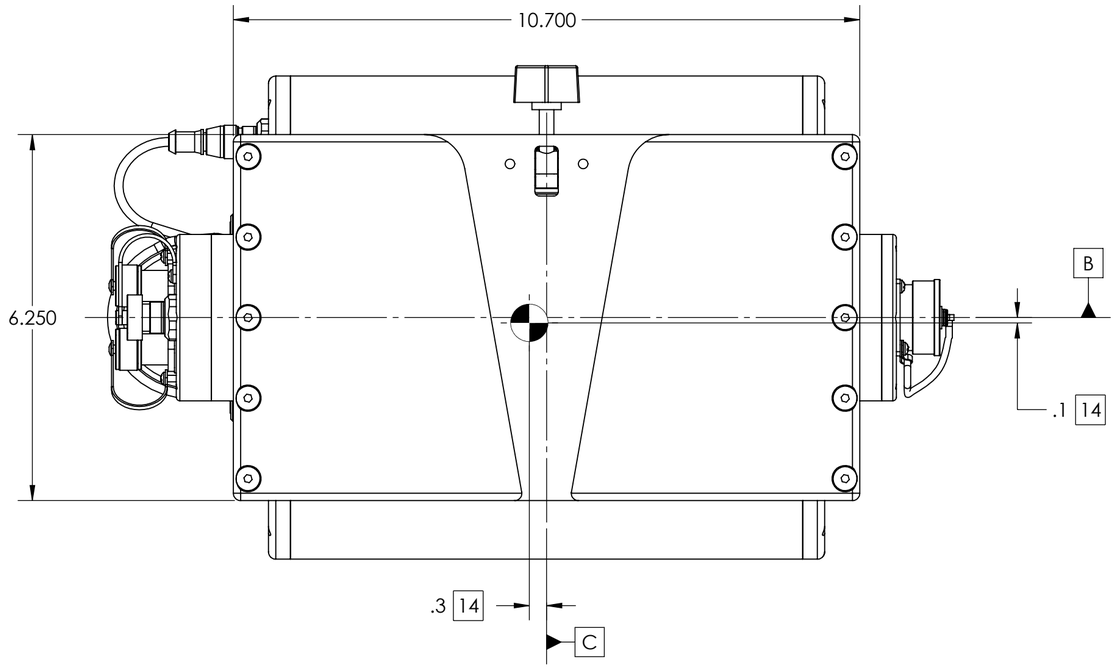
TITLE:
INTERFACE CONTROL DRAWING, LINKASAT-360VPR-30

SIZE	DWG. NO.	REV
C	ICDN901218	A

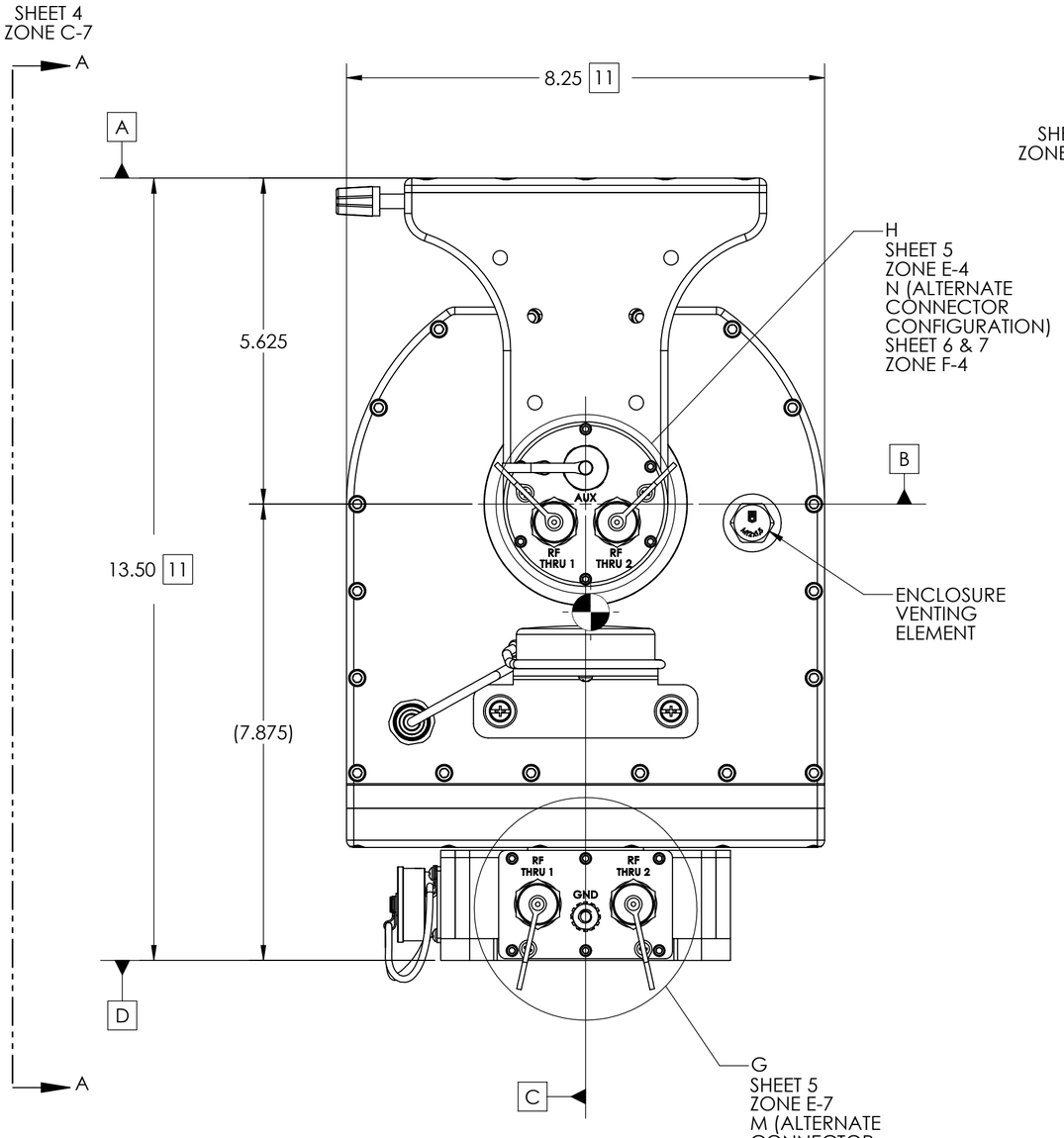
SCALE: 3:8 SHEET 1 OF 7

TABLE II (VPR-30 ACCESSORY OPTIONS)		
ACCESSORY DESCRIPTION	ACCESSORY PART NUMBER	ACCESSORY ICD
QUICKMOUNT 2 INCH OD MAST ADAPTER	ACC-N900728-1	ICDN900728
LIGHTWEIGHT FOLDING TRIPOD, 2 INCH OD MAST	ACC-N900320-1	ICDN900320
TRIPOD ASSEMBLY, LIGHTWEIGHT, 2 INCH OD MAST	ACC-N901395-T	ICDN901395
QUADPOD ASSEMBLY, LIGHTWEIGHT, 2 INCH OD MAST	ACC-N901395-Q	ICDN901395
TRIPOD ASSEMBLY, HEAVY DUTY, 2 INCH OD MAST	ACC-N900413-1	ICDN900413
TRANSIT CASE, MPT/VPR-30	TC-LA-360MPT/VPR-30-1	N/A
TOUCHSCREEN HANDHELD CONTROLLER	ACC-N901601-1	N/A

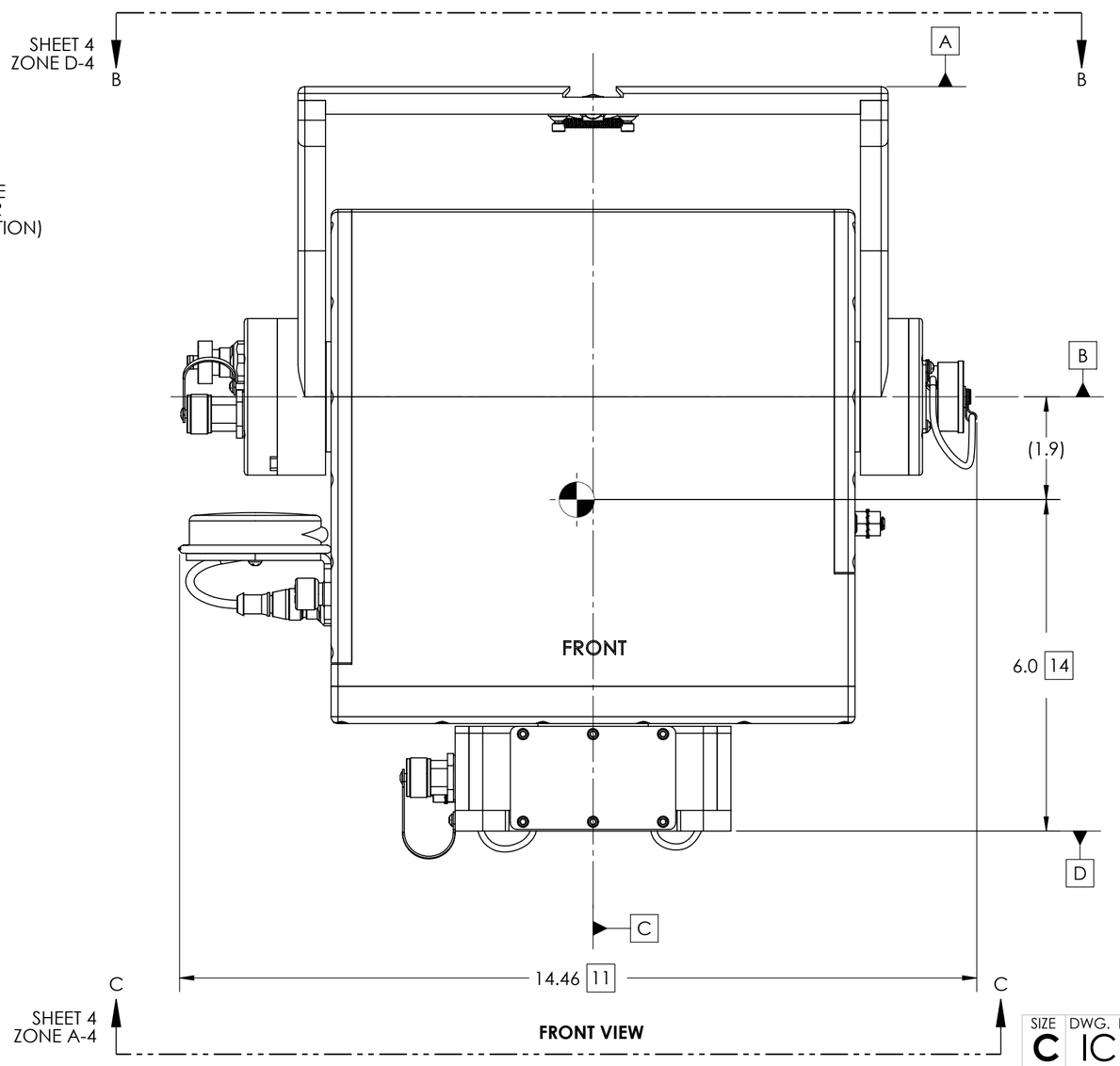
TABLE III - RF CABLE PASS THRU OPTIONS		
RF Cable Code	**RF Cable Type**	**Description**
RF01	RG316	DC-3 GHz RF Cable Pass Thrus (RF Cable RG316) (N-Type)
RF02	LMR-100A-UF	DC-5.8 GHz (Max Input Power @ 5.8 GHz - 13W) RF Cable Pass Thru (RF Cable LMR-100A-UF) (N-Type)
RF03	LMR-195UF	DC-5.8 GHz (Max Input Power @ 5.8 GHz - 50W) RF Cable Pass Thru (RF Cable LMR-195UF) (N-Type)
RF04	LMR-240UF	DC-5.8 GHz (Max Input Power @ 5.8 GHz - 80W) RF Cable Pass Thru (RF Cable LMR-240UF) (N-Type)
RF05	FlexCore 210	DC-18 GHz RF Cable Pass Thru (RF Cable FlexCore 210) (N-Type)
RF06	PE-P160LL or LL160	DC-18 GHz RF Cable Pass Thru (RF Cable Low Loss 160) (N-Type)
RF08	LMR-100A-UF	DC-5.8 GHz SMA RF Cable Pass Thru (RF Cable LMR-100A-UF) (SMA Type)
RF09	FlexCore 210	DC-18 GHz RF Cable Pass Thru (RF Cable FlexCore 210) (2.92 Type)
RF10	T-Flex 405	DC-40 GHz RF Cable Pass Thru (RF Cable T-Flex 405) (2.92 Type)
RF11	RG179	DC-3 GHz RF Cable Pass Thrus (RF Cable RF179) (BNC Type)
RF14	True Blue 290	DC-18 GHz RF Pass Thru (RF Cable True Blue 290) (N-Type)
RF15	PE-P142LL or LL142	DC-18 GHz RF Pass Thru (Low Loss 142) (N-Type)
RF16	FlexCore 210	DC-26.5 GHz RF Pass Thru (RF Cable FlexCore 210) (SMA Type)
RF17	PE-P086HF	DC-40 GHz RF Pass Thru (RF Cable PE-P086HF) (2.4mm Type)
RF18	FM-160Flex	DC-40 GHz RF Pass Thru (RF Cable FM-160Flex) (2.4mm Type)
RF19	RG214	DC-11 GHz RF Cable Pass Thru (RF Cable RG214) (N-Type)
RF20	LMR-100A-UF	DC-5.8 GHz (Max Input Power @ 5.8 GHz - 13W) RF Cable Pass Thru (RF Cable LMR-100A-UF) (TNC Type)
RF21	FM-102Flex	DC-40 GHz RF Cable Pass Thru (RF Cable FM102Flex) (2.92mm Type)
RF22	FM-102Flex	DC-50 GHz RF Cable Pass Thru (RF Cable FM102Flex) (2.4mm Type)
RF23	LMR-900-LLPX	DC-5.8 GHz RF Cable, Ultra Flex Coax, (7/16 Type Male) (LMR-900-LLPX)



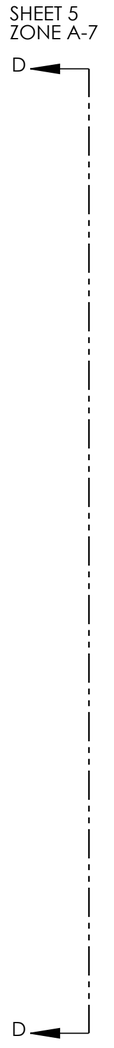
TOP VIEW



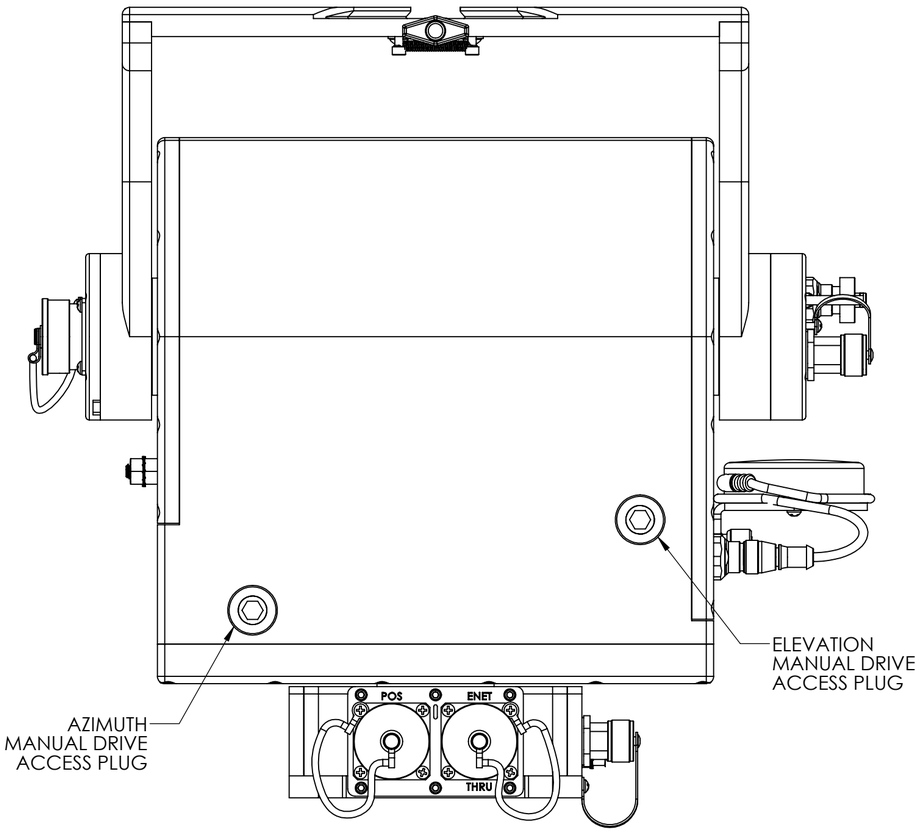
LEFT VIEW



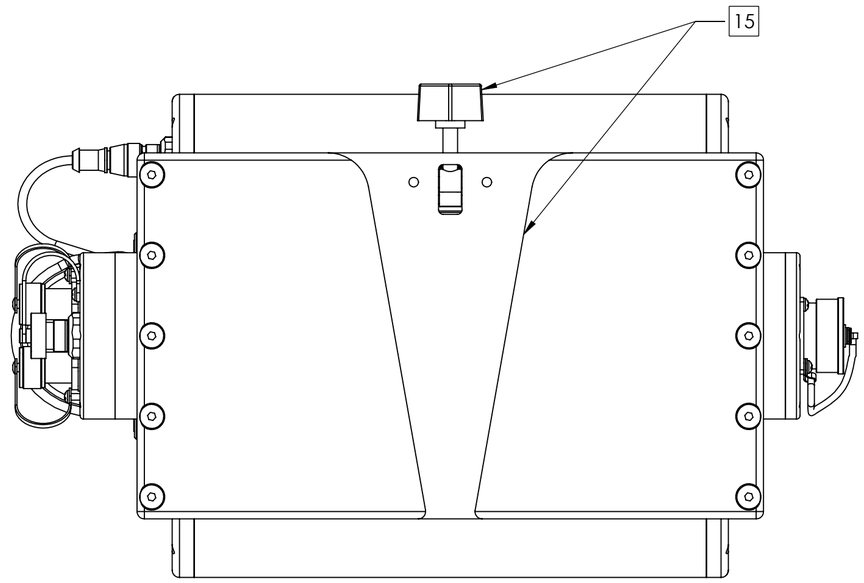
FRONT VIEW



SIZE	DWG. NO.
C	ICDN901218
SCALE: 1:2	SHEET 3 OF 7

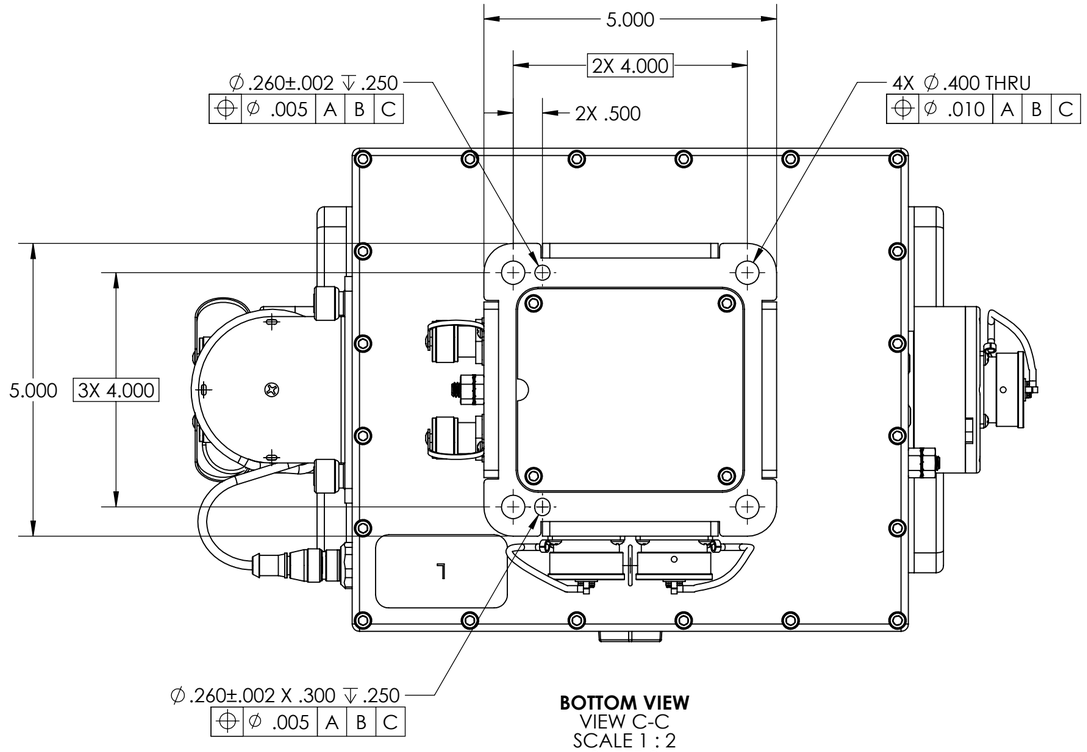


REAR VIEW
VIEW A-A
SCALE 1 : 2
SHEET 3
ZONE D-8



TOP VIEW
VIEW B-B
SCALE 1 : 2
SHEET 3
ZONE D-5
DOVETAIL GROOVES FOR
ANTENNA MOUNTING BRACKETS

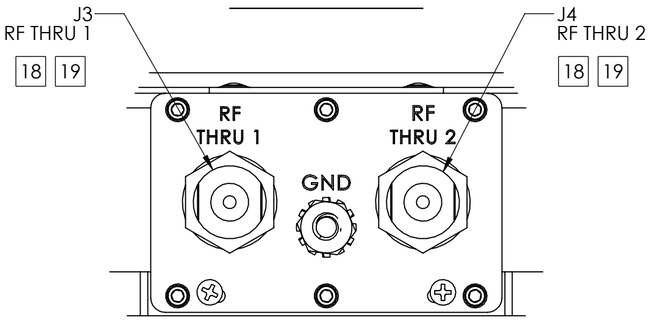
15



BOTTOM VIEW
VIEW C-C
SCALE 1 : 2
SHEET 3
ZONE A-5
TABLE TOP MOUNTING
NEXTMOVE TYPE 4.000-P INTERFACE

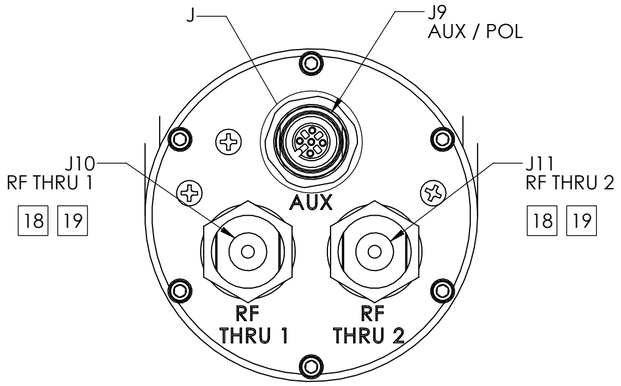
16

SIZE	DWG. NO.	
C	ICDN901218	
SCALE: 3:8		SHEET 4 OF 7



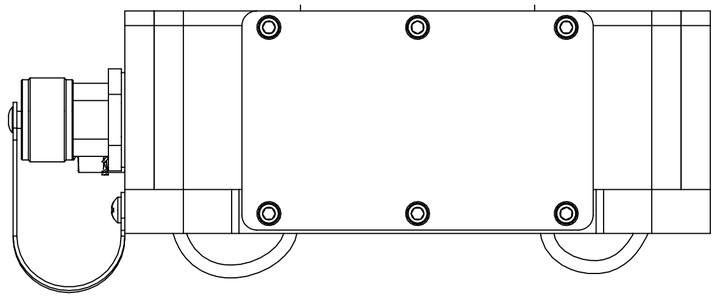
CONNECTORS SHOWN FROM MATING SIDE
J3 & J4 MATES WITH N-TYPE MALE RF CONNECTOR
STANDARD RF PASS THRUS - DC-3GHz

DETAIL G
SCALE 1 : 1
SHEET 2 ZONE A-6
LEFT VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE V FOR STANDARD J3 & J4 CONNECTOR PINOUT DETAILS
SEE SHEET 6 & 7 DETAIL M & V, ZONE E-7 FOR
ALTERNATE J3 & J4 CONNECTOR CONFIGURATIONS



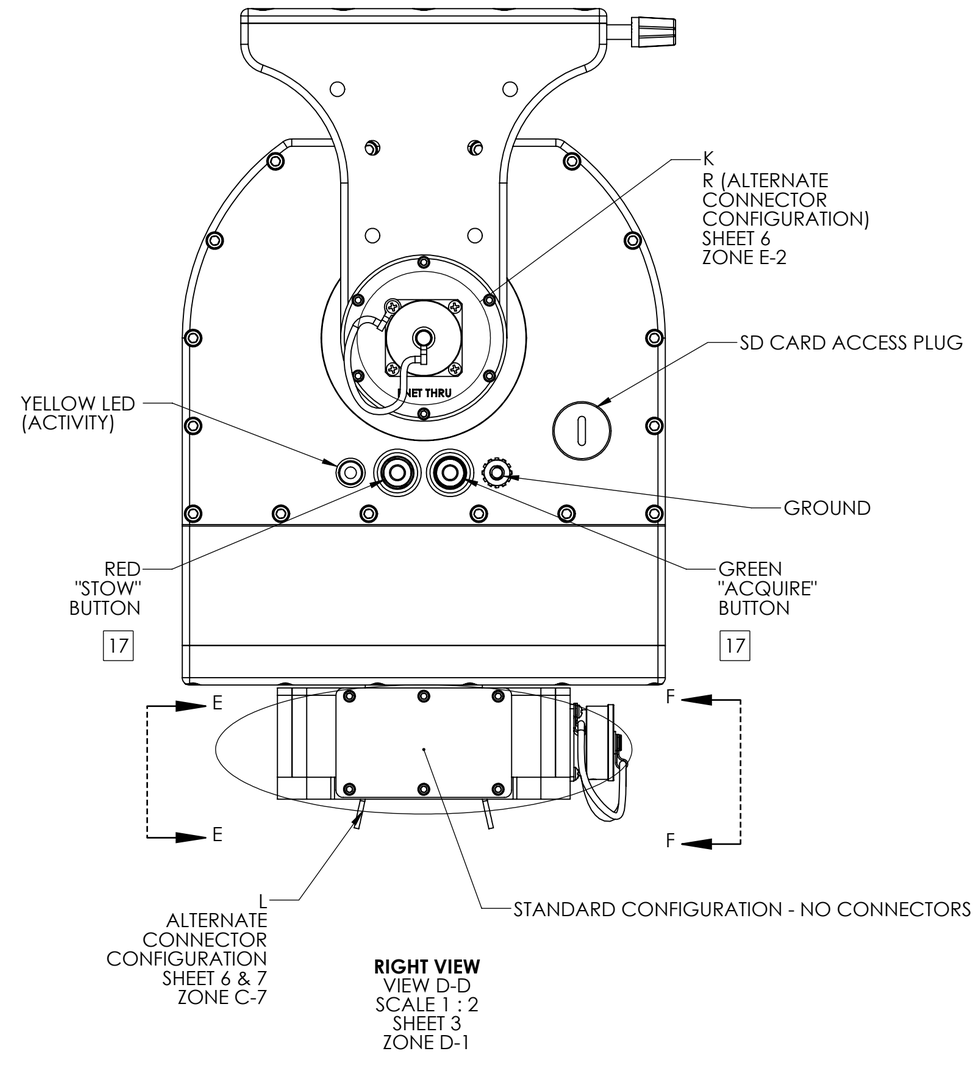
CONNECTORS SHOWN FROM MATING SIDE
J9 USED FOR NEXTMOVE OPTIONAL POLARIZATION ACCESSORY
J10 & J11 MATES WITH N-TYPE MALE RF CONNECTOR
STANDARD RF PASS THRUS - DC-3GHz

DETAIL H
SCALE 1 : 1
SHEET 2 ZONE C-5
LEFT VIEW, ELEVATION PANEL CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE VI FOR J10 & J11 STANDARD CONNECTOR PINOUT DETAILS
SEE SHEET 6 & 7 DETAIL N & Y, ZONE E-4 FOR ALTERNATE
CONNECTOR CONFIGURATIONS

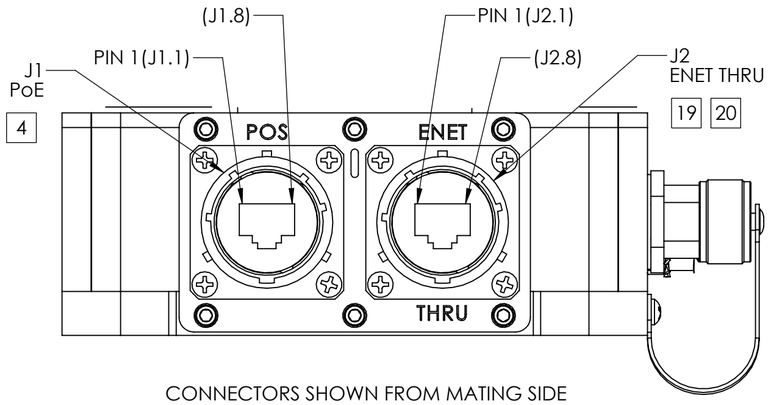


VIEW E-E
SCALE 1 : 1
FRONT VIEW, AZIMUTH BASE CONNECTORS

STANDARD CONFIGURATION - NO CONNECTORS
SEE SHEET 6 & 7 VIEW P & W, ZONE A-7 FOR ALTERNATE
CONNECTOR CONFIGURATIONS

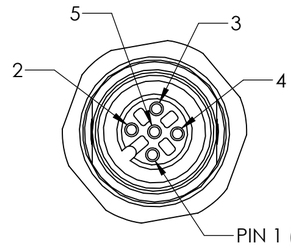


RIGHT VIEW
VIEW D-D
SCALE 1 : 2
SHEET 3
ZONE D-1



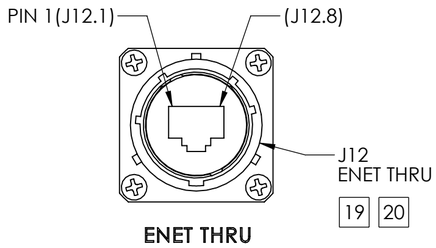
CONNECTORS SHOWN FROM MATING SIDE
J1 & J2 MATES WITH AMPHENOL P/N - RJF6B

VIEW F-F
SCALE 1 : 1
REAR VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE IV FOR J1 PoE CONNECTOR PINOUT DETAILS
TABLE VI FOR J2 PASS THRU CONNECTOR PINOUT DETAILS



J9 AUX CONNECTOR SHOWN FROM MATING SIDE
MATES WITH TURCK P/N RS 4.5-T-* (*LENGTH IN METERS)

DETAIL J
SCALE 2 : 1
LEFT VIEW, ELEVATION PANEL CONNECTOR
SEE TABLE V FOR J9 AUX/POL CONNECTOR PINOUT DETAILS



ENET THRU

CONNECTOR SHOWN FROM MATING SIDE
J12 MATES WITH AMPHENOL P/N - RJF6B

DETAIL K
SCALE 1 : 1
RIGHT VIEW, ELEVATION PANEL CONNECTOR
SHOWN WITHOUT PROTECTIVE CAP
SEE TABLE VI FOR J12 PINOUT DETAILS

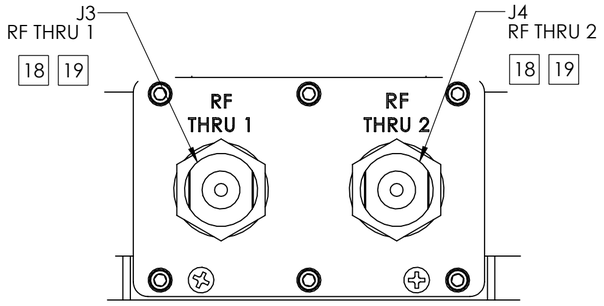
TABLE IV (PoE CONNECTOR)	
CONNECTOR DESIGNATION	**FUNCTION**
J1.1	DATA PAIR 1
J1.2	DATA PAIR 1
J1.3	DATA PAIR 2
J1.4	+48 VDC PoE POWER INPUT
J1.5	+48 VDC PoE POWER INPUT
J1.6	DATA PAIR 2
J1.7	DC RETURN FOR PoE INPUT
J1.8	DC RETURN FOR PoE INPUT

TABLE V (AUX/POLARIZATION CONNECTOR)	
CONNECTOR DESIGNATION	**FUNCTION**
J9.1	GND
J9.2	+/-12 VDC MOTOR
J9.3	+/-12 VDC MOTOR
J9.4	POT WIPER
J9.5	+3.3V

TABLE VI (STANDARD PASS THRU CONNECTORS)	
FROM	**TO**
J3 (RF THRU 1)	J10 (RF THRU 1)
J4 (RF THRU 2)	J11 (RF THRU 2)
J2.1 (ENET THRU)	J12.1 (ENET THRU)
↓	↓
J2.8 (ENET THRU)	J12.8 (ENET THRU)

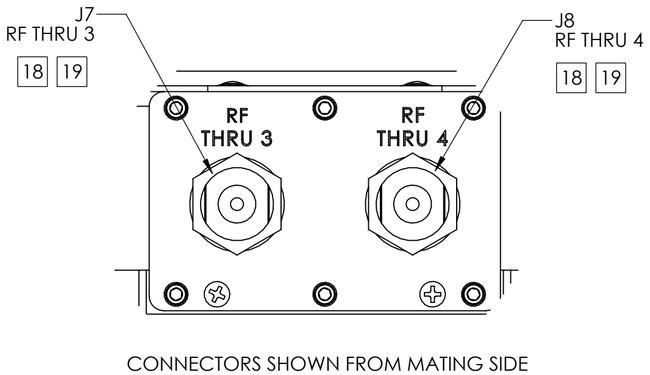
SIZE C | DWG. NO. ICDN901218
SCALE: 3:8 | SHEET 5 OF 7

ALTERNATE CONNECTOR CONFIGURATIONS
LA-360VPR-30-ME-4RF01-S SHOWN



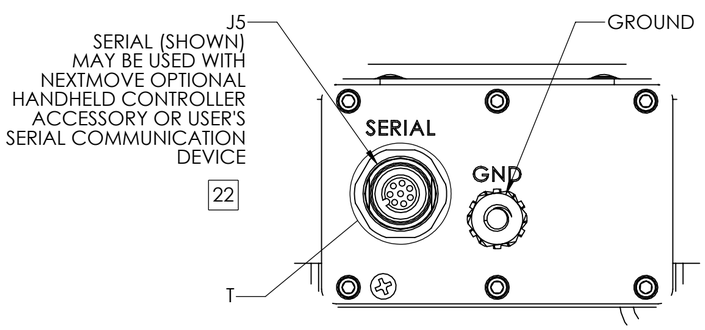
CONNECTORS SHOWN FROM MATING SIDE

DETAIL M
SCALE 1 : 1
SHEET 2 ZONE A-6
LEFT VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE VIII FOR FOR ALTERNATE J3 & J4 CONNECTOR PINOUT DETAILS



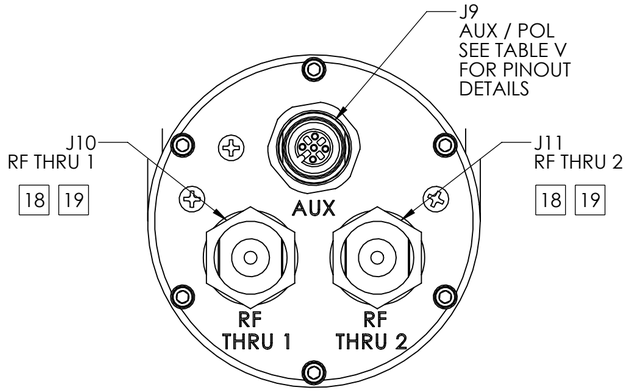
CONNECTORS SHOWN FROM MATING SIDE

DETAIL L
SCALE 1 : 1
SHEET 4 ZONE A-8
RIGHT VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE VIII FOR FOR ALTERNATE J7 & J8 CONNECTOR PINOUT DETAILS



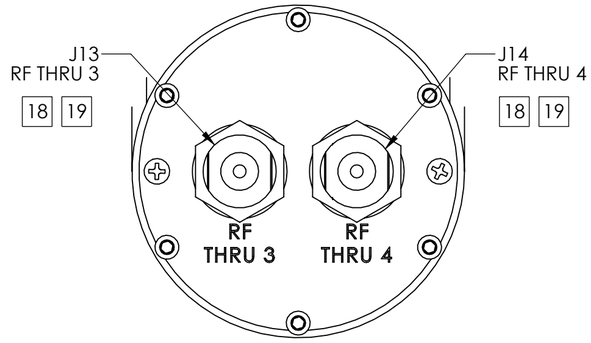
CONNECTORS SHOWN FROM MATING SIDE

DETAIL P
SCALE 1 : 1
SHEET 4 ZONE E-2
FRONT VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE VII FOR FOR ALTERNATE J5 CONNECTOR PINOUT DETAILS



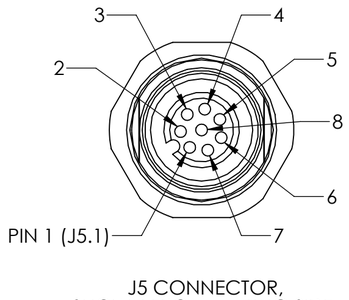
CONNECTORS SHOWN FROM MATING SIDE

DETAIL N
SCALE 1 : 1
SHEET 2 ZONE C-6
LEFT VIEW, ELEVATION PANEL CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE VIII FOR FOR PASS THRU CONNECTOR PINOUT DETAILS



CONNECTORS SHOWN FROM MATING SIDE

DETAIL R
SCALE 1 : 1
SHEET 2 ZONE C-6
RIGHT VIEW, ELEVATION PANEL CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE VIII FOR FOR PASS THRU CONNECTOR PINOUT DETAILS



J5 CONNECTOR,
SHOWN FROM MATING SIDE,
MATES WITH TURCK
P/N RS 8-T-* (* LENGTH IN METERS)

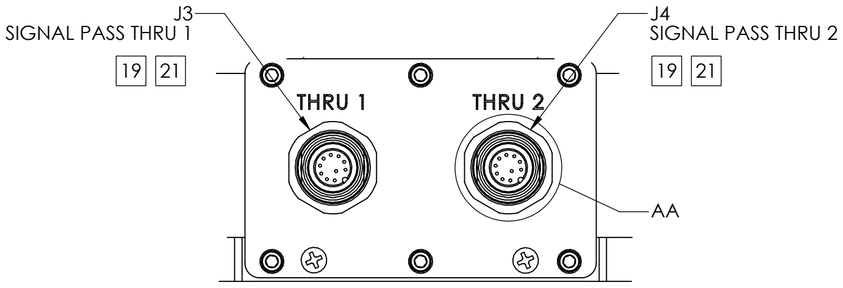
DETAIL T
SCALE 2 : 1
SEE TABLE VII FOR ALTERNATE J5 SERIAL
CONNECTOR PINOUT DETAILS

TABLE VIII (PASS THRU CONNECTORS)	
FROM	**TO**
J3.1 (RF THRU 1)	J10.1 (RF THRU 1)
J4.1 (RF THRU 2)	J11.1 (RF THRU 2)
J7.1 (RF THRU 3)	J13.1 (RF THRU 3)
J8.1 (RF THRU 4)	J14.1 (RF THRU 4)

TABLE VII (SERIAL CONNECTOR)	
CONNECTOR DESIGNATION	**FUNCTION**
J5.1	5V
J5.2	GND
J5.3	12V
J5.4	GND
J5.5	RS232, UART4 Tx
J5.6	RS232, UART4 Rx
J5.7	RS232, UART5 Tx
J5.8	RS232, UART5 Rx

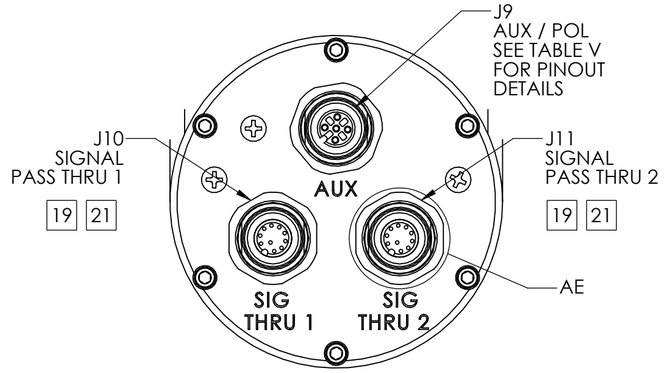
SIZE	DWG. NO.
C	ICDN901218
SCALE: 1:1	SHEET 6 OF 7

ALTERNATE CONNECTOR CONFIGURATIONS
LA-360VPR-30-OE-2PT10-MP1 SHOWN



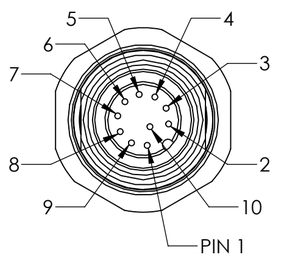
CONNECTORS SHOWN FROM MATING SIDE

DETAIL V
SCALE 1 : 1
SHEET 2 ZONE A-6
LEFT VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE XII FOR FOR ALTERNATE PASS THRU J3 & J4 CONNECTOR PINOUT DETAILS



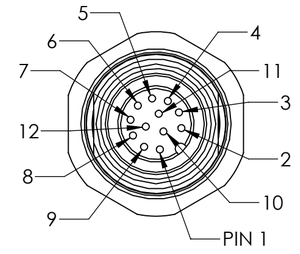
CONNECTORS SHOWN FROM MATING SIDE

DETAIL Y
SCALE 1 : 1
SHEET 2 ZONE C-6
LEFT VIEW, ELEVATION PANEL CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE XII FOR FOR ALTERNATE CONNECTOR PINOUT DETAILS



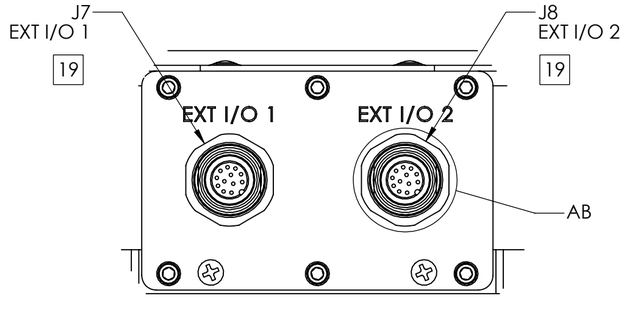
J3 & J4 CONNECTORS,
SHOWN FROM MATING SIDE,
MATES WITH TURCK
P/N RK 10-T-* (* LENGTH IN METERS)

DETAIL AA
SCALE 2 : 1
2 PLACES
SEE TABLE XII FOR ALTERNATE J3 & J4
SIGNAL CONNECTOR PINOUT DETAILS



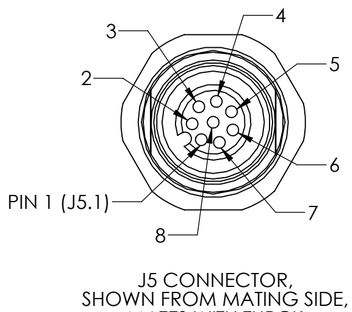
J7 & J8 CONNECTORS,
SHOWN FROM MATING SIDE,
MATES WITH TURCK
P/N RK 12-T-* (* LENGTH IN METERS)

DETAIL AB
SCALE 2 : 1
2 PLACES
SEE TABLE IX FOR ALTERNATE J7 & J8 EXT I/O
CONNECTOR PINOUT DETAILS



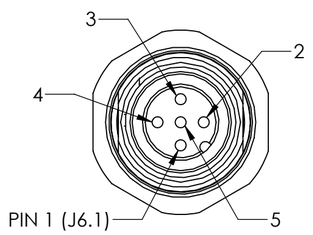
CONNECTORS SHOWN FROM MATING SIDE

DETAIL U
SCALE 1 : 1
SHEET 4 ZONE A-8
RIGHT VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE IX FOR FOR ALTERNATE J7 & J8 CONNECTOR PINOUT DETAILS



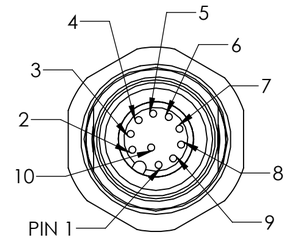
J5 CONNECTOR,
SHOWN FROM MATING SIDE,
MATES WITH TURCK
P/N RS 8-T-* (* LENGTH IN METERS)

DETAIL AC
SCALE 2 : 1
SSEE TABLE X FOR ALTERNATE J5 SERIAL
CONNECTOR PINOUT DETAILS



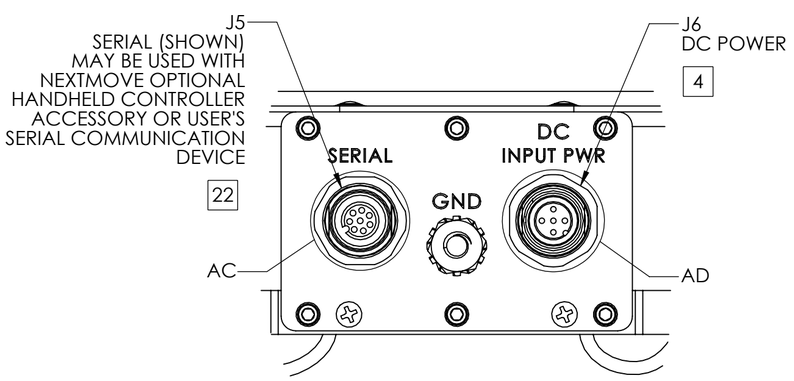
J6 CONNECTOR,
SHOWN FROM MATING SIDE,
MATES WITH TURCK
P/N RK 4.5-T-* (* LENGTH IN METERS)

DETAIL AD
SCALE 2 : 1
SEE TABLE XI FOR ALTERNATE J6 DC POWER
CONNECTOR PINOUT DETAILS



J10 & J11 CONNECTORS,
SHOWN FROM MATING SIDE,
MATES WITH TURCK
P/N RS 10T-* (* LENGTH IN METERS)

DETAIL AE
SCALE 2 : 1
2 PLACES
SEE TABLE XII FOR ALTERNATE J10 & J11 SIGNAL
PASS THRU CONNECTOR PINOUT DETAILS



CONNECTORS SHOWN FROM MATING SIDE

DETAIL W
SCALE 1 : 1
SHEET 4 ZONE E-2
FRONT VIEW, AZIMUTH BASE CONNECTORS
SHOWN WITHOUT PROTECTIVE CAPS
SEE TABLE X & XI FOR FOR ALTERNATE J5 & J6 CONNECTOR PINOUT DETAILS

TABLE IX (EXT I/O)

CONNECTOR DESIGNATION	FUNCTION
J7.1	ADC_1+
J7.2	GND
J7.3	IN2, IN_GPIO_1_27
J7.4	IN1, IN_GPIO_1_16
J7.5	COM
J7.6	IN3, IN_GPIO_1_24
J7.7	OUT1, OUT_GPIO_1_15
J7.8	OUT4, OUT_GPIO_1_22
J7.9	ADC_1-
J7.10	OUT3, OUT_GPIO_1_21
J7.11	IN4, IN_GPIO_1_14
J7.12	OUT2, OUT_GPIO_1_17
J8.1	ADC_2+
J8.2	GND
J8.3	IN6, IN_GPIO_0_6
J8.4	IN5, IN_GPIO_3_16
J8.5	COM
J8.6	IN7, IN_GPIO_1_26
J8.7	OUT5, OUT_GPIO_0_13
J8.8	OUT8, OUT_GPIO_1_28
J8.9	ADC_2-
J8.10	OUT7, OUT_GPIO_1_25
J8.11	IN 8, IN_GPIO_2_0
J8.12	OUT6, OUT_GPIO_3_21

TABLE X (SERIAL CONNECTOR)

CONNECTOR DESIGNATION	FUNCTION
J5.1	5V
J5.2	GND
J5.3	12V
J5.4	GND
J5.5	RS232, UART4 Tx
J5.6	RS232, UART4 Rx
J5.7	RS232, UART5 Tx
J5.8	RS232, UART5 Rx

TABLE XI (DC POWER CONNECTOR)

CONNECTOR DESIGNATION	FUNCTION
J6.1	N/C
J6.2	N/C
J6.3	+20-48 VDC POWER INPUT
J6.4	N/C
J6.5	GND

TABLE XII (PASS THRU CONNECTORS)

FROM	TO
J3.1 (SIG PASS THRU1)	J10.1 (SIG PASS THRU1)
↓	↓
J3.10 (SIG PASS THRU1)	J10.1 (SIG PASS THRU1)
J4.1 (SIG PASS THRU2)	J11.1 (SIG PASS THRU2)
↓	↓
J4.10 (SIG PASS THRU2)	J11.10 (SIG PASS THRU2)

SIZE	DWG. NO.
C	ICDN901218
SCALE: 1:1	SHEET 7 OF 7