The SLICE6 AIR Interface Device supports power, signal pass-through and communications for benchtop testing of SLICE6 AIR DAS[1].

STATUS *LED (green or off)*

🟢 = system is recording data (recorder mode) -or- DAS armed and waiting for event/trigger (circular buffer mode)

POWER *LED (green or off)*

🟢 = input voltage is applied

START *pushbutton switch*

Sends start signal to system.

EVENT *pushbutton switch*

Sends event signal to system.

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[1] Please see the SLICE6 AIR DAS User's Manual for information on its features and operation. Information on additional support equipment is available here.

15V IN
VDC power input

15 VDC (nominal); 9-30 VDC range. Overvoltage, overcurrent protection.

Note: The SLICE6 AIR Interface Device does not contain a battery.

ON; OFF/STBY
Locking toggle switch

ON = all internal control system electronics and output power are energized and the unit is fully functional.

OFF/STBY (standby) = only output power is active.

Attached equipment will charge with the switch in either position. *Note: Pull out on the switch before moving--do not force.*

ENET1, ENET2
Ethernet communications

ENET1 = primary PC connection using standard RJ45 patch cable.

ENET2 = use with other accessories to connect to SLICE6 AIR DAS.
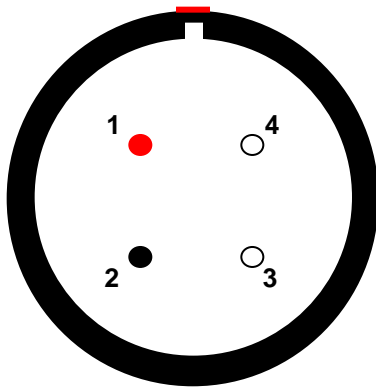

CONTROL
Start record output, status output and event output signals

AUX
UART communications and PPS support

SYSTEM
START/ON; status and event output; power output; Ethernet and UART communications; PPS and IRIG-B support
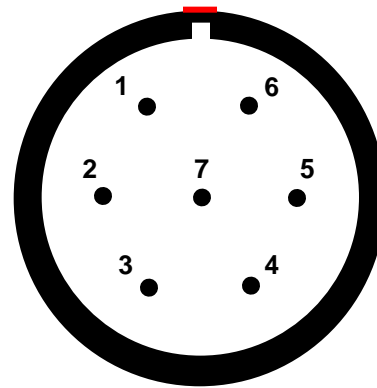
IRIG-B
Dedicated connector

15V IN
(LEMO P/N ECG.2B.304.CLL)

(panel view)

Pin	Function
1	+VDC input
2	-VDC input/Ground
3	Ground
4	Ground

CONTROL
(LEMO P/N ECG.2B.307.CLL)

(panel view)

Pin	Function
1	+Start record output (contact closure to pin 2)
2	-Start record output (contact closure to pin 1)
3	No connection
4	-Status output
5	+Status output
6	+Event output (contact closure to pin 7)
7	-Event output (contact closure to pin 6)

AUX
(DB9S)
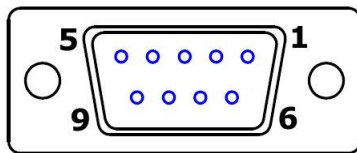
(panel view)

Pin	Function
2	UART_Rx-
3	UART_Tx+
5	Ground
6	UART_Rx+
7	UART_Tx-
9	PPS
1, 4, 8	No connection

IRIG-B
(SMA plug)
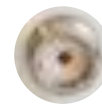
(panel view)

Pin	Function
Center	IRIG-B
Shield	Ground

SYSTEM
(high-density DB26S)
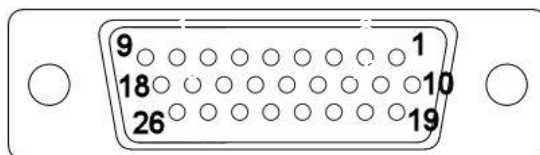
(panel view)

Pin	Function
1	+VDC
2	Ethernet Rx1+
3	Ethernet Rx1-
4	Ethernet Tx1+
5	Ethernet Tx1-
6	Ethernet Rx2+
7	Ethernet Rx2-
8	Ethernet Tx2+
9	Ethernet Tx2-
10	+VDC
11	+VDC
12	Ground
13	PPS

Pin	Function
14	START*
15	UART_Tx+
16	UART_Tx-
17	UART_Rx+
18	UART_Rx-
19	Ground
20	Ground
21	Ground
22	ON*
23	Status
24	Event*
25	IRIG-B
26	Chassis

Revision History

Rev	Date	Changed By	Description	Approved by
2				
1				
0	28 Apr 2022	E. Kippen	Initial release.	G. Netherwood