

The SLICE6 AIR Interface Device supports power, signal pass-through and communications for benchtop testing of SLICE6 AIR DAS¹.

POWER LED (green or off)

● = input voltage is applied

START pushbutton switch

Sends start signal to system.



STATUS LED (green or off)

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

EVENT pushbutton switch

Sends event signal to system.

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

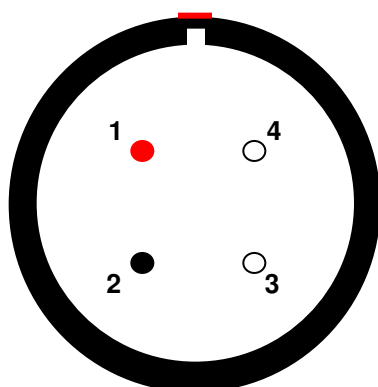
SYSTEM

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

IRIG-B

Dedicated connector

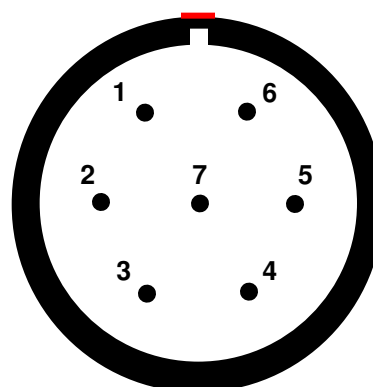
15V IN
(LEMO P/N ECG.2B.304.CLL)



(panel view)

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

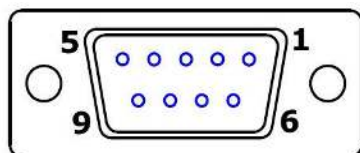
CONTROL
(LEMO P/N ECG.2B.307.CLL)



(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)

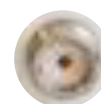
AUX
(DB9S)



(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

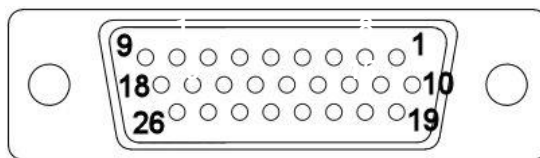
IRIG-B
(SMA plug)



(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