



2020 PRODUCT GUIDE



TABLE OF CONTENTS

PRODUCT	DESCRIPTION	PAGE
SLICE MICRO	DATA ACQUISITION SYSTEM	3
SLICE NANO	DATA ACQUISITION SYSTEM	6
SLICE IP68	DATA ACQUISITION SYSTEM	10
SLICE6	DATA ACQUISITION SYSTEM	12
SLICE6 AIR	DATA ACQUISITION SYSTEM	14
SLICE PRO	DATA ACQUISITION SYSTEM	15
SLICE PRO LAB	DATA ACQUISITION SYSTEM	19
TDAS 65	DATA ACQUISITION SYSTEM	20
TDAS PRO	DATA ACQUISITION SYSTEM	24
TSR PRO/TSR PRO-HB	DATA LOGGER (DAQ + BUILT IN SENSORS)	25
TSR 3DXC/TSR 6DXC	DATA LOGGER (DAQ + BUILT IN SENSORS)	25
TSR 3DXP/TSR 6DXP	DATA LOGGER (DAQ + BUILT IN SENSORS)	25
ARS PRO & ARS HG	SENSOR - UNIAXIAL ANGULAR RATE	26
ARS3 PRO	SENSOR - TRIAXIAL ANGULAR RATE	26
6DX PRO	SENSOR - 6 DEGREES OF FREEDOM (HIGH-RATE)	26
IB-6	SENSOR - 6 DEGREES OF FREEDOM (LOW-RATE)	27
6DX G2	SENSOR - 6 DEGREES OF FREEDOM (SLICE6)	27
THERMOCOUPLE ADAPTERS	SENSOR (SLICE DAQ SYSTEMS)	27
RANGE EXPANDERS	CABLE (VOLTAGE RANGE)	27

SLICE MICRO



Ultra-small, modular, rugged data acquisition system.

BASE SLICE



Add any combination of sensor input layers (up to 24 channels) per base. One base required per stack, which includes the system microprocessor and memory. Stacks can be daisy-chained (up to four) to accommodate higher channel count tests.

BRIDGE SLICE



Three (3) inputs for external sensors including support for full and half-bridge sensors, strain gauges, voltage input, thermocouples and more.

IEPE SLICE



Three (3) inputs for external IEPE (piezo-electric) sensors.

ACCEL SLICE



Built-in triaxial accelerometer available in a variety of ranges.

ARS SLICE



Built-in triaxial angular rate sensor available in a variety of ranges.

SLICE MICRO ACCESSORIES

SLICE Distributor



Supports Ethernet communication, power and control signals between multiple SLICE system chains (supports hundreds of channels). Ideal for in-dummy applications or for applications where Ethernet connectivity is needed.

SLICE Interface Device



Supports communication, power and control signals between the SLICE system and PC. Ideal for low channel count applications. Available in Ethernet or USB options.

SLICE MICRO ACCESSORIES Cont.

SLICE MICRO USB Interface Kit



Basic components required to connect the PC and power to the DAS via USB communication. Kit includes: SLICE USB Interface, chain cable, USB cable, DB9 connector and power supply. Items also available separately.

SLICE MICRO Base Cable Kit



Includes End-of-Chain (EOC) Terminal, start-event switch, USB comm cable and power supply. Connect PC and EOC to DAS, power and start-event switch to EOC, and start testing immediately. Components also available separately.

SLICE End-of-Chain (EOC) Terminal



Supports power input, ON signal, status output, start record input and event input signals (3 A max). Easy-to-use screw terminals. Included in the SLICE MICRO Base Cable Kit.

SLICE MICRO BATTERIES & POWER

Batteries & Charger



External rechargeable Li-ion batteries to power SLICE MICRO. Available in three capacities: 2200, 4400 and 6600 mAh.

SLICE MICRO CABLES, CONNECTORS & ADAPTERS

Daisy Chain/Interconnect cable



Base-to-base daisy chain cable connects multiple SLICE MICRO stacks of up to 24 channels each. Available in a variety of lengths.

USB Cable for SLICE MICRO



USB communication cable provides interface between PC and SLICE MICRO Systems.

SLICE Distributor to DDX Cable



Connects SLICE Distributor to the SLICE Interface Device or a TDAS PLUS Mini Distributor for power, communication, trigger and status.

1-Channel Sensor Cable Assembly



Connects SLICE MICRO Bridge channel to an external sensor. Pigtail termination. (5 m length)

1-Channel Sensor Cable Assembly, 1/4 Bridge



Connects SLICE MICRO Bridge channel to a 1/4 bridge strain gage. Pigtail termination. (5 m length)

Other Cables



DTS offers many other cable types to connect to DTS devices, sensors, etc. Please contact DTS to discuss your requirement.

Connectors – Omnetics



Omnetics connectors, backshells and assemblies for making custom cabling for sensor interfacing and connecting to external devices (com, power, daisy-chain, etc.).

THA Thermocouple Adapter



Uses a standard miniature thermocouple connector to connect Type K thermocouples to SLICE systems. Two range options: -100 to +400C; 0 to 1250C

Range Expander



Adapter with cable that allows DTS DAQ systems to record voltage signals exceeding the standard input range. Available in ± 20 V, ± 40 V, ± 60 V and ± 800 V ranges. Various connector options available (LEMO, Omnetics, Tajimi).

SLICE NANO



Miniature, modular, rugged data acquisition system.

BASE SLICE



Add any combination of sensor input layers (up to 24 channels) per base. One base required per stack, which includes the system microprocessor and memory. Stacks can be daisy-chained (up to four) to accommodate higher channel count tests.

BRIDGE SLICE



Three (3) inputs for external sensors including support for full and half-bridge sensors, strain gauges, voltage input, thermocouples and more.

IEPE SLICE



Three (3) inputs for external IEPE (piezo-electric) sensors.

SLICE NANO STACK BATTERY



Provides short duration battery back-up for SLICE NANO systems, up to 30 seconds with 18 channels (1 BASE + 6 Bridges). Also available in a 5,000 g high-shock tolerant version and an Extended Capacity for >5 minutes of power.

SLICE NANO ACCESSORIES

SLICE Distributor



Supports Ethernet communication, power and control signals between multiple SLICE system chains (supports hundreds of channels). Ideal for in-dummy applications or for applications where Ethernet connectivity is needed.

SLICE Interface Device



Support communication, power and control signals between the SLICE system and PC. Ideal for low channel count applications. Available in Ethernet or USB options.

SLICE NANO USB Interface Kit



Basic components required to connect the PC and power to the DAS via USB communication. Kit includes: SLICE USB Interface, chain cable, USB cable, DB9 connector and power supply. Items also available separately.

SLICE NANO ACCESSORIES Cont.

SLICE NANO Stack Extender



For applications with limited vertical space, the Stack Extender allows SLICE NANO modules to be mounted side-by-side, rather than stacked. Ideal for a variety of applications including the FLEX PLI legform.

SLICE End-of-Chain (EOC) Terminal



Supports power input, ON signal, status output, start record input and event input signals (3 A max). Easy-to-use screw terminals. Included in the SLICE NANO Base Cable Kit.

SLICE NANO Base Cable Kit



All the basic accessories required to connect and operate a SLICE NANO system. Kit includes: End-of-Chain (EOC) Terminal, start-event switch, USB communication cable and power supply. Items also available separately.

SLICE NANO BATTERIES & POWER

SLICE NANO Stack Battery



Provides short duration battery back-up for SLICE NANO systems, up to 30 seconds with 18 channels (1 BASE + 6 Bridges). Also available in a 5,000 g high-shock tolerant version.

SLICE NANO Stack Battery Extended Capacity



Provides longer duration battery back-up for SLICE NANO systems, up to >5 minutes with 18 channels (1 BASE + 6 Bridges).

Batteries & Charger



External rechargeable Li-ion batteries to power SLICE NANO. Available in three capacities: 2200, 4400 and 6600 mAh.

SLICE Supercap+



Provides sufficient capacity to support a FLEX PLI Leg system with up to 24 channels of SLICE NANO.

SLICE NANO CABLES, CONNECTORS & ADAPTERS

Daisy Chain/Interconnect cable



Base-to-base daisy chain cable connects multiple SLICE MICRO stacks of up to 24 channels each. Available in a variety of lengths.

USB Cable for SLICE NANO



USB communication cable provides interface between PC and SLICE NANO Systems. (1 m length)

SLICE Distributor to DDX Cable



Connects SLICE Distributor to the SLICE Interface Device or a TDAS PLUS Mini Distributor for power, communication, trigger and status. (1 m length)

1-Channel Sensor Cable Assembly



Connects SLICE NANO Bridge channel to an external sensor. Pigtail termination. (5 m length)

1-Channel Sensor Cable Assembly, 1/4 Bridge



Connects SLICE NANO Bridge channel to a 1/4 bridge strain gage. Pigtail termination. (5 m length)

Other Cables



DTS offers many other cable types to connect to DTS devices, sensors, etc. Please contact DTS to discuss your requirement.

Connectors – Omnetics



Omnetics connectors, backshells and assemblies for making custom cabling for sensor interfacing and connecting to external devices (com, power, daisy-chain, etc.).

THA Thermocouple Adapter



Uses a standard miniature thermocouple connector to connect Type K thermocouples to SLICE systems. Two range options: -100 to +400C; 0 to 1250C

Range Expander



Adapter with cable that allows DTS DAQ systems to record voltage signals exceeding the standard input range. Available in ± 20 V, ± 40 V, ± 60 V and ± 800 V ranges. Various connector options available (LEMO, Omnetics, Tajimi).

SLICE IP68



Miniature, modular, IP68-rated data acquisition system.

BASE SLICE IP68



Add any combination of sensor input layers (up to 24 channels) per base. One base required per stack, which includes the system microprocessor and memory. Stacks can be daisy-chained (up to four) to accommodate higher channel count tests.

BRIDGE SLICE IP68



Three (3) inputs for external sensors including support for full and half-bridge sensors, strain gauges, voltage input, thermocouples and more.

IEPE SLICE IP68



Three (3) inputs for external IEPE (piezo-electric) sensors.

ARS SLICE IP68



Built-in triaxial angular rate sensor available in a variety of ranges.

ACCEL SLICE IP68



Built-in triaxial accelerometer available in a variety of ranges.

SLICE IP68 ACCESSORIES

SLICE End-of-Chain (EOC) Terminal



Supports power input, ON signal, status output, start record input and event input signals (3 A max). Easy-to-use screw terminals. Included in the SLICE MICRO Base Cable Kit. (not IP68 rated)

SLICE IP68 DAS Base Cable Kit



Includes End-of-Chain (EOC) Terminal, start-event switch, USB comm cable and power supply. Connect PC and EOC to DAS, power and start-event switch to EOC, and start testing immediately. Components also available separately.

SLICE IP68 BATTERIES & POWER

SLICE IP68 Power Pack



The SLICE IP68 mounts directly to the IP68-rated rechargeable battery pack for a complete solution. Available in 2200 mAH and 6600 mAh options. The Power Pack is also compatible with SLICE MICRO and SLICE NANO systems.

SLICE IP68 Battery Add-On Cable Kit



All the components needed for connect SLICE IP68 to the Power Pack and recharge. Kit includes battery charger, battery to EOC charger cable (1 m), SLICE IP68 Base-to-Base/Battery daisy-chain cable (15 cm) and an AC power cord.

SLICE IP68 CABLES, CONNECTORS & ADAPTERS

SLICE IP68 1-Ch Sensor Connector Assembly



Single sensor channel connector with LEMO and ID separately

USB cable for SLICE IP68



1m length

SLICE IP68 Base+ to EOC cable



1m length

SLICE IP68 Base/Battery to pigtail cable



2m length

Other Cables



DTS offers many other cable types to connect to DTS devices, sensors, etc. Please contact DTS to discuss your requirement.

THA Thermocouple Adapter



Uses a standard miniature thermocouple connector to connect Type K thermocouples to SLICE systems. Two range options: -100 to +400C; 0 to 1250C (not IP68 rated)

Range Expander



Adapter with cable that allows DTS DAQ systems to record voltage signals exceeding the standard input range. Available in ± 20 V, ± 40 V, ± 60 V and ± 800 V ranges. Various connector options available (LEMO, Omnetics, Tajimi).

SLICE6



Miniature, rugged, in-dummy data acquisition system

SLICE6 SENSOR SUPPORT

LOAD CELLS



SLICE6 direct-mounts to load cells via customized landing pads.

SIX DEGREES OF FREEDOM



SLICE6 direct-mounts to the 6DX G2 sensor package (triaxial accelerometer + triaxial angular rate).

SENSOR INTERFACE



SLICE6 supports traditional cabled sensors via the SLICE6 Sensor Interface Module.

SLICE6 ACCESSORIES

SLICE6 Distributor



Supports Ethernet communication, power and control signals between multiple SLICE6 system chains. Ideal for in-dummy applications.

SLICE6 Sensor Interface Module



Connection interface to SLICE6 for external cabled sensors. Direct-mounts to the SLICE6 module and supports up to 6 channels.

SLICE6 Sensor Kits (1, 2, 3-Channel)



Used with Sensor Interface Module, the Sensor Kits are available in 1, 2 or 3-channels and include the backshell and connector.

SLICE6 CABLES, CONNECTORS & ADAPTERS

1-Channel Sensor Cable Assembly



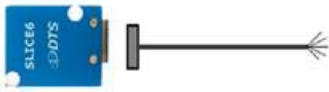
Supports connection of the SLICE6 Interface Module to an external sensor. Pigtail termination.

SLICE6 1-Channel Sensor Connection Cable



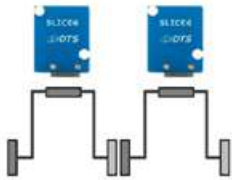
SLICE6 adapter cable, terminates with a 7-pin Omnetics connector

SLICE6 Nano D to Pigtails Cable



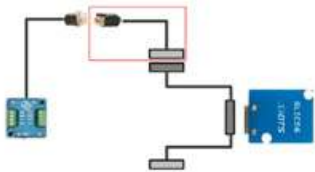
Connects to SLICE6 system port via a Nano D connector to pigtail. (1 m length)

SLICE6 Daisy Chain Cable



Chains multiple SLICE6 modules. Connects to the SLICE6 system port. Supports pass-through power, communication, event and status. (20 cm length)

EOC to Adapter Cable



Adapter cable for Interfacing SLICE6 to and End of Chain (EOC) device. Micro-D to MCS- 12 (20 cm length).

SLICE6 AIR



Miniature, rugged, onboard data acquisition system.

SLICE6 AIR ACCESSORIES

SLICE6 AIR Chain Module



Interconnect to daisy chain multiple SLICE6 AIR modules.

SLICE6 AIR Interface Device



Supports Ethernet communication, power and inputs for IRIG-B, GPS and serial inputs between SLICE6 AIR and PC. Ideal for benchtop checkout.

SLICE6 AIR Interface Device Cable Kit



All the basic components required to connect the PC and power to the DAS via Ethernet communication. Kit includes: SLICE6 AIR Interface Device, chain module, chain extension cable, Ethernet return plug, Ethernet cable and power supply.

SLICE PRO



Modular, rugged, mega-sample data acquisition system

SLICE PRO SIM



Rugged sensor input module, supports a variety of external sensors types, available with 9 or 18 channels per module and LEMO 1B or Tajimi connectors. Can be used as part of a SLICE PRO system or as a standalone unit.

SLICE PRO TOM



Rugged timed output module features four high-current, independently programmable outputs that can be used for pyrotechnic devices, and 8 low-current independently programmable channels for timing events. Can be used as part of a SLICE PRO system or as a standalone unit.

SLICE PRO DIM



Rugged digital input module records up to 18 digital events, CCNO, CCNC, logic-level inputs or voltage signals. Can be used as part of a SLICE PRO system or as a standalone unit.

SLICE PRO TDM



Rugged trigger distributor module features 2 trigger inputs and 6 trigger outputs for synchronizing data acquisition systems, cameras and other instruments. Can be used as part of a SLICE PRO system or as a standalone unit.

SLICE PRO Ethernet Controller



Interface control module for start, status, event, power and 10/100 Ethernet communication signals (supports up 72 channels). Provides system compatibility with additional SLICE PRO, TDAS PRO and TDAS G5 systems.

SLICE PRO USB Controller



Interface control module for start, status, event, power and USB 2.0 communication signals (supports up 72 channels).

SLICE PRO ACCESSORIES

SLICE PRO Field



This portable, self-contained SLICE PRO system is ideal for on-board aviation testing. Designed in a convenient carry case, SLICE PRO Field is available in configurations of 9-36 channels, includes a 1-hour internal battery or can record for hours via the aircraft rated AC/DC power inputs. See the SLICE PRO Field Manual on the Help Center for additional specifications or contact sales@dtsweb.com for more information.

SLICE PRO Baseplate



Aluminum baseplates make it easy to move or mount SLICE PRO systems. Baseplates are available in a variety of sizes to support an Ethernet or USB Controller, plus up to four modules. (Crashworthy)

SLICE PRO Shock Isolation Mount Kit



The SLICE PRO Shock Isolation Mount Kit is designed for applications like blast testing where additional shock isolation is needed to protect the test instrumentation from extreme levels of shock. (Crashworthy)

SLICE PRO TOM -Terminal Box



The external breakout box provides a simple terminal block connection to the 8 SLICE PRO TOM digital outputs. It also provides access to the alarm output signals. (Crashworthy)

SLICE PRO TOM Arm Enable Plug



Required to hardware-enable the arming and firing of SLICE PRO TOM squib channels. (Crashworthy)

SLICE PRO BATTERIES, POWER & DISTRIBUTION

TDAS PLUS Distributor



Integrates power, communication, status and event signal distribution functions for multiple SLICE PRO systems (36-60 V input range). Options for 3, 6 or 9 outputs. Supports large multi-system SLICE PRO test set-ups and in-dummy solutions. (Crashworthy)

TDAS PLUS Mini Distributor



Integrates power, communication, status and event signal distribution functions for multiple SLICE PRO systems. Input range options: 10-36 V, 15-36 V, 18-36 V, 36-60 V. Crashlink or Amphenol connectors. Supports large multi-system test set-ups and in-dummy test solutions. (Crashworthy)

Crash Battery



The Crash Battery provides power and back-up to large SLICE PRO based systems for 1 hour or more. Outputs 15 VDC nominal. (Crashworthy)

TDAS PLUS Crashworthy Battery



Provides primary battery power for up to four SLICE PRO racks, TDAS G5 Docking Stations or other DTS equipment in any combination. 12 Ah battery capacity. (Crashworthy)

SLICE PRO BATTERIES, POWER & DISTRIBUTION Cont.

TDAS PLUS Mini Smart Battery



Reliable onboard power for DAS, cameras and other equipment, plus Ethernet interface for battery status. The 220 W Mini Smart Battery includes one 18-36 VDC input, one 18-36 VDC output and ten regulated 12/15 VDC outputs. (Crashworthy)

TDAS PLUS Smart Battery



Reliable onboard power for DAS, cameras and other equipment, plus Ethernet interface for battery status. The Smart Battery offers >400 W of power and 18-36 VDC input/output. (Crashworthy)

TDAS PLUS Power Splitter Box



Provides a simple way to distribute power to multiple SLICE PRO Systems. (Crashworthy)

Power Supplies



Power supplies available in variety of voltage and amp ranges.

SLICE PRO CABLES & CONNECTORS

PC Communication Cable (REC)



Ethernet to LEMO cable to provide communication between SLICE PRO system and PC. Available in a variety of lengths.

Daisy Chain Cable (RDC)



LEMO to LEMO cable used to daisy chain SLICE PRO systems via the COM ports.

Power Cable (RPX)



DC input (LEMO) to pigtail for easy connection to a power supply. Available in a variety of lengths.

Power Cable (RPX)



Provides LEMO to LEMO connectivity between SLICE PRO system and power source. Available in a variety of lengths.

Status cable



Provides a visual indication of the SLICE PRO status via green LED. Options available to connect to either the System or COM ports.

TOM Squib Output Cable (TSX)



Provides connection between SLICE PRO TOM and external device such as an airbag or seatbelt pretensioner.

TOM Terminal Box cable



Cable connecting SLICE PRO TOM Digital output port to Terminal Box, (150 cm)

SLICE PRO Base Cable Kit (Ethernet)



Includes the basics required for a complete SLICE PRO test solution. Includes Ethernet communication, event and power cables, power supply and LEMO extraction tool.

Other Cables



DTS offers many other cable types to connect to DTS devices, sensors, etc. Please contact DTS to discuss your requirement.

Connectors



A full range of LEMO and Tajimi connectors available in a variety of configurations to provide connectivity to sensors, power, com, etc.

IEPE Sensor Adapter Plug



Adapts SLICE PRO SIM LEMO connector (Option 39) to 10-32 (microdot) connector for easy attachment to IEPE sensors.

THA Thermocouple Adapter



Uses a standard miniature thermocouple connector to connect Type K thermocouples to SLICE systems. Two range options: -100 to +400C; 0 to 1250C

Range Expander



Adapter with cable that allows DTS DAQ systems to record voltage signals exceeding the standard input range. Available in ± 20 V, ± 40 V, ± 60 V and ± 800 V ranges. Various connector options available (LEMO, Omnetics, Tajimi).

SLICE PRO LAB



Stationary, modular, laboratory data acquisition system.

SLICE PRO LAB SIM



Non-crashworthy sensor input module, supports a variety of external sensors types, available with 9 or 18 channels per module and LEMO 1B or Tajimi connectors. Can be used as part of a SLICE PRO LAB system or as a standalone unit.

SLICE PRO LAB TOM



Non-crashworthy timed output module features four high-current, independently programmable outputs that can be used for pyrotechnic devices, and 8 low-current independently programmable channels for timing events. Can be used as part of a SLICE PRO LAB system or as a standalone unit.

SLICE PRO LAB Rack



The SLICE PRO LAB Rack includes a built-in SLICE PRO Ethernet Controller interface for start, status, event, power and 10/100 Ethernet communication signals. Rack supports up to four modules or 72 channels. Fits standard 19-inch x 3U rack configurations.

SLICE PRO LAB ACCESSORIES

SLICE PRO LAB Benchtop Enclosure



The portable SLICE PRO LAB Benchtop Enclosure makes it easy to move a single rack system from lab to lab. Rack supports up to four modules or 72 channels. The standard 19-inch enclosure includes a handle that can be used to both carry the system or adjust the positioning from flat to angled for easier access to the controls and sensor inputs. (SLICE Modules not included)

TDAS G5



Compact, rugged, high-speed data acquisition system.

TDAS G5 ACCESSORIES

TDAS G5 Vehicle Docking Station (VDS)



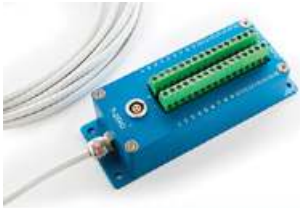
Onboard G5 mounting solution offers easy access to sensor inputs, power, status, and 19-pin communication interface. Panel features 32 sensor connectors (LEMO or Tajmi) and 16 digital inputs. Internal battery with 1+ hour of primary power, daisy-chain for high-channel tests.

TDAS G5 iPort



Onboard G5 mounting solution for smart load cell barrier walls with integrated DAS. Four D-Sub connectors support 8 sensor inputs each for a robust interface for sensor inputs, power and communication.

TDAS G5 Digital Input Terminal



Digital input for 16 fully-isolated and protected contact closures. Features easy screw terminal access.

TDAS G5 Distributor



Allows up to four TDAS G5 systems to communicate via a single exit cable for power, control and Ethernet communication. Includes one Nano D cable. Ideal for in-dummy solutions.

TDAS G5 BATTERIES & POWER

TDAS PLUS Distributor



Integrates power, communication, status and event signal distribution functions for multiple DTS DAQ systems (36-60 V input range). Options for 3, 6 or 9 outputs. Supports large multi-system test set-ups and in-dummy solutions.

TDAS PLUS Mini Distributor



Integrates power, communication, status and event signal distribution functions for multiple DTS DAQ systems. Input range options: 10-36 V, 15-36 V, 18-36 V, 36-60 V. Crashlink or Amphenol connectors. Supports large multi-system TDAS test set-ups and in-dummy test solutions.

TDAS G5 BATTERIES & POWER Cont.

Crash Battery



The Crash Battery provides power and back-up to high channel count systems for 1 hour or more. Outputs 15 VDC nominal.

TDAS PLUS Crashworthy Battery



Provides primary battery power for up to four SLICE PRO racks, TDAS G5 Docking Stations or other DTS equipment in any combination. 12 Ah battery capacity.

TDAS PLUS Mini Smart Battery



Reliable onboard power for DAS, cameras and other equipment, plus Ethernet interface for battery status. The 220 W Mini Smart Battery includes one 18-36 VDC input, one 18-36 VDC output and ten regulated 12/15 VDC outputs.

TDAS PLUS Smart Battery



Reliable onboard power for DAS, cameras and other equipment, plus Ethernet interface for battery status. The Smart Battery offers >400 W of power and 18-36 VDC input/output.

TDAS PLUS Power Splitter Box



Provides a simple way to distribute power to multiple DTS DAQ Systems.

Power Supplies



Power supplies available in variety of voltage and amp ranges.

TDAS G5 CABLES & CONNECTORS

PC Communication Cable (REC)



Ethernet to LEMO cable to provide communication between DTS DAQ system and PC. Available in a variety of lengths.

Daisy Chain Cable (RDC)



LEMO to LEMO cable used to daisy chain DTS DAQ systems via the COM ports.

Power Cable (RPX)



DC input (LEMO) to pigtail for easy connection to a power supply. Available in a variety of lengths.

Power Cable (RPX)



Provides LEMO to LEMO connectivity between DTS DAQ system and power source. Available in a variety of lengths.

Distributor to Dummy exit cable (DDX)



(Mini) Distributor (System port) to Dummy Exit cable (standard 14-pin 2B Lemo in-line socket). Available in a variety of lengths.

G5 Distributor to Dummy Exit cable (DBX)



TDAS G5 in-dummy) Distributor (System port) to Dummy Exit cable (DDX). Available in a variety of lengths.

Distributor Event cable (DVB)



Distributor event (input = 7-pin 2B Lemo connector) to dual Banana connector. Available in a variety of lengths.

Power only cable (SPO)



Cable used to supply power between Mini Distributor System port and the Power input (on TDAS G5 VDS). Available in a variety of lengths.

TDAS G5 VDS Event cable (VVB)



Event cable. TDAS G5 Vehicle Docking Station event (LEMO 2B) to dual Banana connector. Available in a variety of lengths.

Status cable



Provides a visual indication of the TDAS status via green LED. Options available to connect to either the system or COM ports.

TOM Squib Output Cable (TSX)



Provides connection between SLICE PRO TOM and external device such as an airbag or seatbelt pretensioner. Available in a variety of lengths.

G5 Base Cable Kit



Includes the basics required for a complete test solution. Includes Ethernet communication, event and power cables, and power supply.

Other Cables



DTS offers many other cable types to connect to DTS devices, sensors, etc. Please contact DTS to discuss your requirement.

Connectors



A full range of LEMO and Tajimi connectors available in a variety of configurations to provide connectivity to sensors, power, com, etc.

G5 VDS/SLICE PRO Base Cable Kit (Ethernet)



Includes the basics required for a complete test solution. Includes Ethernet communication, event and power cables, power supply and LEMO extraction tool.
**DAS not included*

TDAS G5 iPort Cable Kit



Includes TDAS PLUS Interface device, power supply and all the cables required for iPort connection.
**DAS not included*

THA Thermocouple Adapter



Uses a standard miniature thermocouple connector to connect Type K thermocouples to SLICE systems. Two range options: -100 to +400C; 0 to 1250C

Range Expander



Adapter with cable that allows DTS DAQ systems to record voltage signals exceeding the standard input range. Available in ± 20 V, ± 40 V, ± 60 V and ± 800 V ranges. Various connector options available (LEMO, Omnetics, Tajimi).

TDAS PRO



Rugged, modular, original DTS data acquisition system.

TDAS PRO ACCESSORIES

TDAS PLUS Interface Device



The TDAS PLUS Interface Device is a simple device used to perform system checks.

TDAS PLUS Level Trigger Device



The Level Trigger Device generates a reliable external trigger signal for T=0 for TDAS PRO, TDAS G5, TDAS PLUS or SLICE systems. The crashworthy unit provides two opto-isolated, contact-closure outputs when the user-selected acceleration threshold is exceeded. The isolated output can also be used with any device designed to accept a contact closure (e.g. high-speed imager).

Wireless Ethernet (WET)



The TDAS WET is crash-hardened multifunction networking device that allows for wireless communication with TDAS equipment. Supports 802.11b/g/n protocols

TSR PRO / TSR PRO-HB



Rugged, compact shock recorder with built-in triaxial accelerometer.

TSR PRO / TSR PRO-HB ACCESSORIES

Communication Cable



USB cable for communication with PC. Supports both TSR PRO & TSR PRO-HB.

TSR 3DXC / TSR 6DXC



Rugged shock recorder, built-in accelerometers and angular rate sensors, CAN Bus or USB.

TSR 3DXC / TSR 6DXC ACCESSORIES

Communication Cable



USB cable for communication with PC. Supports both TSR 3DXC & TSR 6DXC.

Daisy-Chain Cable



Chain multiple TSR 3DXC or TSR 6DXC units together to synchronize power, event and USB communication.

TSR 3DXP / TSR 6DXP



Rugged shock recorder, built-in accelerometers, pressure and angular rate sensors.

TSR 3DXP / TSR 6DXP ACCESSORIES

Communication Cable



USB cable for communication with PC. Supports both TSR 3DXP & TSR 6DXP.

ARS PRO & ARS HG



Miniature, high performance uniaxial angular rate sensors.

ARS PRO & ARS HG ACCESSORIES

Triax Mounting Blocks



Aluminum mounting blocks make it easy to create a triaxial solution. Additional mounting holes support three Endevco 7264 or MSI 64 accelerometers to create a complete six degrees of freedom package. Two options: ARS PRO Block 21.6 x 21.6 x 10.9 mm (9.9 grams) or the ARS HG Block 21.6 x 21.6 x 16.8 mm (15.2 grams).

ARS3 PRO



Ultra-small, high performance triaxial angular rate sensors.

ARS3 PRO ACCESSORIES

Triax Cable Assembly



Supports power, event and communication. Available in a variety of lengths and connector options or pigtail.

6DX PRO



High rate 6 degrees of freedom accelerometers & angular rate.

6DX PRO ACCESSORIES

Triax Cable Assembly



Supports power, event and communication. Available in a variety of lengths and connector options or pigtail. Shown with the 6DX PRO.

IB-6



Low rate 6 degrees of freedom accelerometers & angular rate.

IB-6 ACCESSORIES

Adapter Cable



Sensor adapter cable for Texense IB-6 to MCP-16, includes sensor ID, 30 cm length.

6DX G2



Bolt-on 6 degrees of freedom sensor for SLICE6 DAQ.

SLICE THERMOCOUPLE ADAPTER by Texense



Easy thermocouple adapter for SLICE DAQ systems.

RANGE EXPANDERS



Adapter with cable that allows DTS DAQ systems to record voltage signals exceeding the standard input range. Available in ± 20 V, ± 40 V, ± 60 V and ± 800 V ranges. Various connector options available (LEMO, Omnetics, Tajimi).