

# Comparison Table of Spider Series

Listed below is a comparison table of all members of the Spider series. For the full hardware specification of each product, please refer to the hardware specification sheets.

|                                                                     | <b>Spider-81</b>   | <b>Spider-81B</b>    | <b>Spider-80X</b>  | <b>Spider-80Xi</b>    |
|---------------------------------------------------------------------|--------------------|----------------------|--------------------|-----------------------|
| <b>Number of Input Channels per module</b>                          | 4, 6, 8            | 2, 4                 | 4, 6, 8            | 8, 32, 64             |
| <b>Maximum number of Input Channels</b>                             | 512                | 4                    | 512                | 512                   |
| <b>User-configurable system more than 8 channels</b>                | Yes                | N/A                  | Yes                | Yes                   |
| <b>Number of Output Channels</b>                                    | 4                  | 1                    | 2                  | 2                     |
| <b>Input Mode</b>                                                   | Charge             | Charge               | Charge(optional)   | Charge                |
|                                                                     | TEDS               | TEDS                 | TEDS               | TEDS                  |
|                                                                     | IEPE               | IEPE                 | IEPE               | IEPE                  |
|                                                                     | AC-Differential    | AC-Differential      | AC-Differential    | AC-Differential       |
|                                                                     | DC-Differential    | DC-Differential      | DC-Differential    | DC-Differential       |
|                                                                     | AC-Single End      | AC-Single End        | AC-Single End      | AC-Single End         |
|                                                                     | DC-Single End      | DC-Single End        | DC-Single End      | DC-Single End         |
| <b>Charge Input</b>                                                 | Built-in           | Built-in             | Built-in, optional | External, optional    |
| <b>Digital I/O</b>                                                  | 8 in/out, isolated | 4 in/out, isolated   | 8 in/out, isolated | 4 in/out, isolated    |
| <b>Super Capacitor for power failure protection</b>                 | Yes                | Yes                  | Yes                | Yes                   |
| <b>Available Software Bundles</b>                                   | Silver, Gold       | Bronze, Silver, Gold | Silver, Gold       | Silver, Gold          |
| <b>Front Panel LCD</b>                                              | Yes                | No                   | No                 | Yes                   |
| <b>High-Speed Data Port for direct data recording to Spider-NAS</b> | Yes                | No                   | Yes                | Built-in to enclosure |
| <b>Analog Monitor Channels</b>                                      | Yes                | No                   | No                 | No                    |

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