

LORD Sensing-MicroStrain® WIRELESS SENSOR NODES

SPECIFICATIONS	Sensor Channels	Continuous Sampling	Burst Sampling	Datalogging	Weight	Dimensions	Temp Range
DVRT-Link	1 + internal temp	1/hour to 512 Hz	32 Hz to 4096 Hz (1 ch)	32 Hz to 4096 Hz (1 ch)	58 g	61 x 61 x 27 mm	-20 to 60 °C
G-Link-200	3 + internal temp	1/hour to 4 kHz	32 Hz to 4 kHz	1/hour to 4 kHz	122 g	46.6 x 43 x 44 mm	-40 to 85 °C
G-Link2	1 (ext) or 3 (int) + internal temp	32 Hz to 512 Hz	32 Hz to 10 kHz	32 Hz to 10 kHz	178 g	68 x 85 x 33.5 mm	-40 to 85 °C
IEPE-Link	1	Burst only	1 kHz to 104 kHz	N/A	114 g	94 x 79 x 21 mm	-20 to 60 °C
RTD-Link	1 + internal temp	1/hour to 64 Hz	Continuous only	1/hour to 64 Hz	49 g	50 x 58 x 21 mm	-20 to 60 °C
SG-Link	2 + internal temp	1/hour to 512 Hz	32 Hz to 4096 Hz (1 ch)	32 Hz to 4096 Hz (1 ch)	42 g	58 x 50 x 21 mm	-20 to 60 °C
SG-Link OEM-LXRS	2 + internal temp	1/hour to 512 Hz	32 Hz to 4096 Hz (1 ch)	32 Hz to 4096 Hz (1 ch)	7 g	56 x 20 x 6 mm	-40 to 85 °C
TC-Link-1	1 + internal CJC	1/hour to 64 Hz	Continuous only	1/hour to 64 Hz	49 g	63 x 58 x 21 mm	-20 to 60 °C
TC-Link-6	6 + internal CJC, opt. RH	1/hour to 8 Hz	Continuous only	1/hour to 8 Hz	151 g	129 x 73 x 28 mm	-20 to 60 °C
Torque-Link	1 (two-channel option)	1/hour to 512 Hz	32 Hz to 4096 Hz (1 ch)	32 Hz to 4096 Hz (1 ch)	200-600 g	50-150 mm diam.*	-40 to 85 °C
V-Link 200	8 + internal temp	1/hour to 4 kHz	32 Hz to 8 kHz	1/hour to 8 kHz	217 g**	129 x 82.5 x 31 mm	-40 to 85 °C
Watt-Link	6	1/hour to 1 Hz	Continuous only	N/A	305 g	151 x 85 x 38 mm	-30 to 55 °C

* Standard size. Custom sizes available.

** without batteries. 283 g with batteries.

APPLICATIONS	Acceleration	Displacement	Humidity	Load	Power/Energy	Pressure	Strain	Temperature	Torque	Vibration
DVRT-Link		■								
G-Link-200 G-Link2	■									■
IEPE-Link	■									■
RTD-Link								■		
SG-Link OEM-LXRS	■	■		■		■	■	■	■	■
TC-Link-1								■		
TC-Link-6			■					■		
Torque-Link							■		■	
V-Link 200	■	■		■	■	■	■	■	■	■
Watt-Link					■					

LORD Sensing-MicroStrain® WIRELESS GATEWAYS

WSDA® wireless gateways coordinate and schedule communication between remote wireless sensor nodes and a variety of user-selectable end systems including third party controls, stand alone dataloggers, local computers and networks, and SensorCloud-enabled remote health monitoring and alerting systems.

GATEWAYS	Communications Interface	SensorCloud® Connectivity	Data Storage Memory	Enclosure Material	Weight	Dimensions	Temp Range
WSDA-Base-101	USB 2.0, analog output, 802.15.4 wireless	N/A	N/A	Black anodized aluminum	140 g	128 x 70 x 20 mm	-30 to 70°C
WSDA-Base-102	RS-232 @ 115,200 (except sync. sampling) and 921,600 bps, 802.15.4 wireless	N/A	N/A	Black anodized aluminum	131 g	128 x 70 x 20 mm	-30 to 70°C
WSDA-Base-104	USB 2.0, 802.15.4 wireless	N/A	N/A	Black anodized aluminum	123 g	119 x 70 x 20 mm	-30 to 70°C
WSDA-1500	IEEE 802.3 Ethernet, 10/100, IEEE 802.15.4 wireless, J1939 CAN (output only), external cell modem (optional)	Yes	Micro SD 4 GB	Black anodized aluminum	346 g	147 x 140 x 23 mm	-40 to 85°C
WSDA-RGD (internal 3-axis accel.)	IEEE 802.3 Ethernet, 10/100, external cell modem (optional), 802.15.4 wireless	Yes	Micro SD 2 GB	MIL-DTL-5541 aluminum, NP3 plating MIL-STD-810F/461F rating	680 g	135 x 136 x 35 mm	-40 to 85°C

SensorCloud®

SensorCloud® is a unique web-based, remotely-managed platform for sensor data storage, visualization, alerts, and analysis. It leverages powerful cloud-computing technologies to provide excellent data scalability, rapid graphing, and user-programmable analytics.

FEATURES	Basic	Premium	Pro	Enterprise/OEM
Transactions	25,000 per month	100,000 per month (\$10 per additional 50,000)	500,000 per month (\$10 per additional 50,000)	<ul style="list-style-type: none"> ■ For users with even larger data needs ■ Rebrand SensorCloud to include your own logo and styling. ■ Get access to Priority Support.
Storage	10 million data points per month	1 billion data points total (\$5 per additional billion)	1 billion data points total (\$1 per additional billion)	
Custom Alerts	1 per month	Unlimited	Unlimited	

All plans include access to LiveConnect, unlimited sharing of data, and email support. Please contact Sensing Sales for pricing details.

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