



SmartSensor

Wireless Inclinometer selection Guide

Specifications	BeanDevice® HI-INC		BeanDevice® INC	BeanDevice® HI-INC XRange	
Reference & measurement range	BND-HI-INC-15B-RB for bi-axial ±15° BND-HI-INC-30B-RB for bi-axial ±30° BND-HI-INC-15M-RB for mono-axial ±15° BND-HI-INC-30M-RB for mono-axial ±30°	BND-HI-INC-15B-XT for bi-axial ±15° BND-HI-INC-30B-XT for bi-axial ±30°	BND-INC-15B-RB for ±15° BND-INC-30B-RB for ±30°	BND-HI-INC-15B-XR-RB-SCM for ±15° BND-HI-INC-30B-XR-RB-SCM for ±30°	BND-HI-INC-15B-XR-XT-SCM for ±15° BND-HI-INC-30B-XR-XT-SCM for ±30°
Sensor technology	Mono-axial and bi-axial MEMS inclinometer		bi-axial MEMS inclinometer		
Sensor resolution	±0.001°	±0.001°	±0.0025°	±0.001°	
Sensor accuracy	±0.05°	±0.05°	±0.1°	±0.05°	
Maximum wireless Range (L.O.S.)	650m				
Maximum sampling rate per channel (SPS—sample per second)	60 SPS				
Data Logger Size	1 million data points			8 million data points	
Internal Battery/ External Power Supply	<ul style="list-style-type: none"> Internal Rechargeable Lithium-Ion 1250mAh Compatible with external wall plug-in power supply (12V) with M8 Connector (Ref: PWR-M8-12V) 	No internal battery Compatible with external power supply : * External wall plug-in power supply (12V) with M8 Connector (Ref: PWR-M8-12V) * External primary cell 6500 mAh (Ref: PRIM-XTEND) * Solar panel kit (Ref: X-SOL-5W-M8-2M)	<ul style="list-style-type: none"> Internal Rechargeable Lithium-Ion 1250mAh Compatible with external wall plug-in power supply (12V) with M8 Connector (Ref: PWR-M8-12V) 	<ul style="list-style-type: none"> Internal Rechargeable Lithium-Ion 1250mAh Compatible with external wall plug-in power supply (12V) with M8 Connector (Ref: PWR-M8-12V) 	No internal battery Compatible with external power supply : * External wall plug-in power supply (12V) with M8 Connector (Ref: PWR-M8-12V) * External primary cell 6500 mAh (Ref: PRIM-XTEND) * Solar panel kit (Ref: X-SOL-5W-M8-2M)
Mounting techniques	Adhesive mounting			Screw mounting	
Casing	Waterproof IP67 aluminum enclosure			Waterproof IP67 aluminum enclosure coming with a rugged base plate (three-point-mounting)	

