



The reference sensor is a long-life version of the consumable sensor tag. Designed for years of maintenance free continuous use in mining environments it is installed directly onto production machinery such as Digger Buckets, Truck Trays, and Engines etc. for continuous monitoring of assets in extreme mining conditions.

The reference sensor is wirelessly transmitting data to the receiver via RF transmissions and is activated/deactivated using the portable reader.

	GT-SENKIT-BUK-920
Operating Bandwidth	920 – 925 MHz
Channels	4 Selectable
Channel Spacing	1 MHz
RFID Type	Active
Transmitter / Receiver / Transceiver	Transceiver
Transmission Power	10 mW (Max) - Fixed
Transmission Time	1.5 ms
Transmission Frequency / Period	1.0 Hz / 1s
Duty Cycle	0.15 %
Battery Type	Lithium Thionyl Chloride
Nominal Voltage	3.6 V
Nominal Capacity	19 Ah (10 years active tag life)
Product Operating Temperature	-10 to +90 °C
Dimensions	118 mm W x 118mm H x 98mm D
Weight	900g
Accessories	NA

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required.

Warning: Any changes or modifications not expressly approved by the grantee could void the user's authority to operate this equipment. This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and all persons during normal operation.

For assistance, email support@crdigital.com or call (+61) 1300 33 8482