



> MINI READER | FT05 R

- > IP65 environmental protection (optional)
- > 5-10 m location accuracy
- > Back-up battery: 30 hours without external power
- > No network cabling required

Ideal for standard precision applications with 5-10 m location accuracy

Provides cost-efficient installation with minimal wiring: power connection only

Locates Litum IoT tags with up to 5 m accuracy level.

Ideal for applications at:

- Manufacturing facilities
- Airports
- Mines
- Sea ports
- Construction sites
- Retail stores
- Offices

ADVANTAGES

Automated network discovery and connection.

Operates 30 hours during power outages, ensuring maximum safety.

Reliable and high speed communication.

No interference with surrounding equipment that work with RF

Secure communication with 128 bit AES.

Remote software update feature permits forward compatibility for future developments.

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OPERATING SPECIFICATIONS

• Data Communication	RF
• Operating method	RSSI
• Coverage	Up to 500 m outdoors, 60 m indoors
• Reading speed	100 Tag / Sec
• LED indicators	Power, Signalling
• Frequency	2.4 GHz
• Antenna type	2 dBi, 5 dBi, 7 dBi
• RF Power	0 dBm - 18 dBm
• Protocol	IEEE 802.15.4 WPAN
• Security	128bit AES Optional

PHYSICAL SPECIFICATIONS

• Dimensions (LxWxD)	65 x 115 x 56 mm (2.56 x 4.53 x 2.2 in)
• Weight	500 g (17.64 oz)
• Operation Temperature	-20 / +70°C [-40 / +85 °C Optional]
• Relative Humidity	0 to 95% non-condensing
• Environmental protection	IP65
• Vibration resistance	3g
• Casing	ABS
• Battery	Li-ion 3400 mAh Optional Backup Battery
• Backup Battery Life	30 Hours

OTHER

• DC Supply	5V 500 mA
• Certification	CE
• Remotely Upgradeable Firmware	Yes
• Comm. Interface	RS-232 Optional, RS-485 Optional, UDP Optional, TCP-IP Optional

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