



COCO TAG

MT02 IP - standard
MT02 DCIS - high precision

- > IP67 protection – water and dust resistant
- > Tamper evident
- > Rechargeable battery & charging dock
- > 3 year battery life
- > Panic button
- > Motion sensor

FOR STAFF, ASSETS AND EQUIPMENT

Kiwi Tag allows for streamlined tracking, locating, and status monitoring of staff members, assets and equipment it can be used by unlimited number of staff or assets. The full scope of operational guidelines and parameters can be pre-defined with our software, ensuring fully-aligned integration with any facility.

Helps locate staff and assets with up to 30 cm accuracy level. Helps improve safety and efficiency: integrated motion sensor creates automated alerts in case of prolonged inactivity or falling. Very low emission level makes it safe to use by staff members (maximum 2.5 dBm)

Ideal for applications at:

- Mines
- Sea ports
- Airports
- Construction sites
- Manufacturing facilities

ADVANTAGES

Automated network discovery and connection

No license fees

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

Up to 30 cm location accuracy

litum | IoT

www.litumiot.com



OPERATING SPECIFICATIONS

• Data Communication	RF
• Operating method	TOF, TDOA, RSSI
• Coverage	High Accuracy Mode: Up to 200 m outdoors, 120 m mines&tunnels, 30 m indoors Regional Mode: Up to 600 m outdoors, 200 m mines&tunnels, 60 m indoors
• Sampling Rate	(1 sec - n days) Adjustable
• Max. Accuracy	30 cm - depending on reader installation
• LED indicators	Power, battery status, signalling
• Sensors	Motion sensor, tamper sensor (alarm)
• Frequency	2.4 GHz - standard / 5 GHz high precision
• Antenna type	PCB 2 dBi
• RF Power	0 dBm - 2.5 dBm
• Protocol	IEEE 802.15.4—IEEE 802.15.4 a WPAN
• Security	128bit AES Optional

PHYSICAL SPECIFICATIONS

• Dimensions (LxWxD)	60 x 68 x 20 mm (2.36 x 2.68 x 0.79 in)
• Weight	95 g (3.35 oz)
• Operating Temperature	-20 / +60°C
• Relative Humidity	0 to 95% non-condensing
• Environmental protection	IP67
• Vibration resistance	3g adjustable
• Casing	ABS
• Remotely Upgradeable Firmware	Yes
• Battery	3V Lithium Polymer Rechargeable 1600 mAh
• Expected Battery Life	High Accuracy Mode: 16 months (one sampling per 30 seconds) Regional Mode: 36 months (one sampling per 10 seconds)

OTHER

• Certification	CE
-----------------	----

> COCO TAG

litum | IoT

www.litumiot.com
info@litum.com.tr