

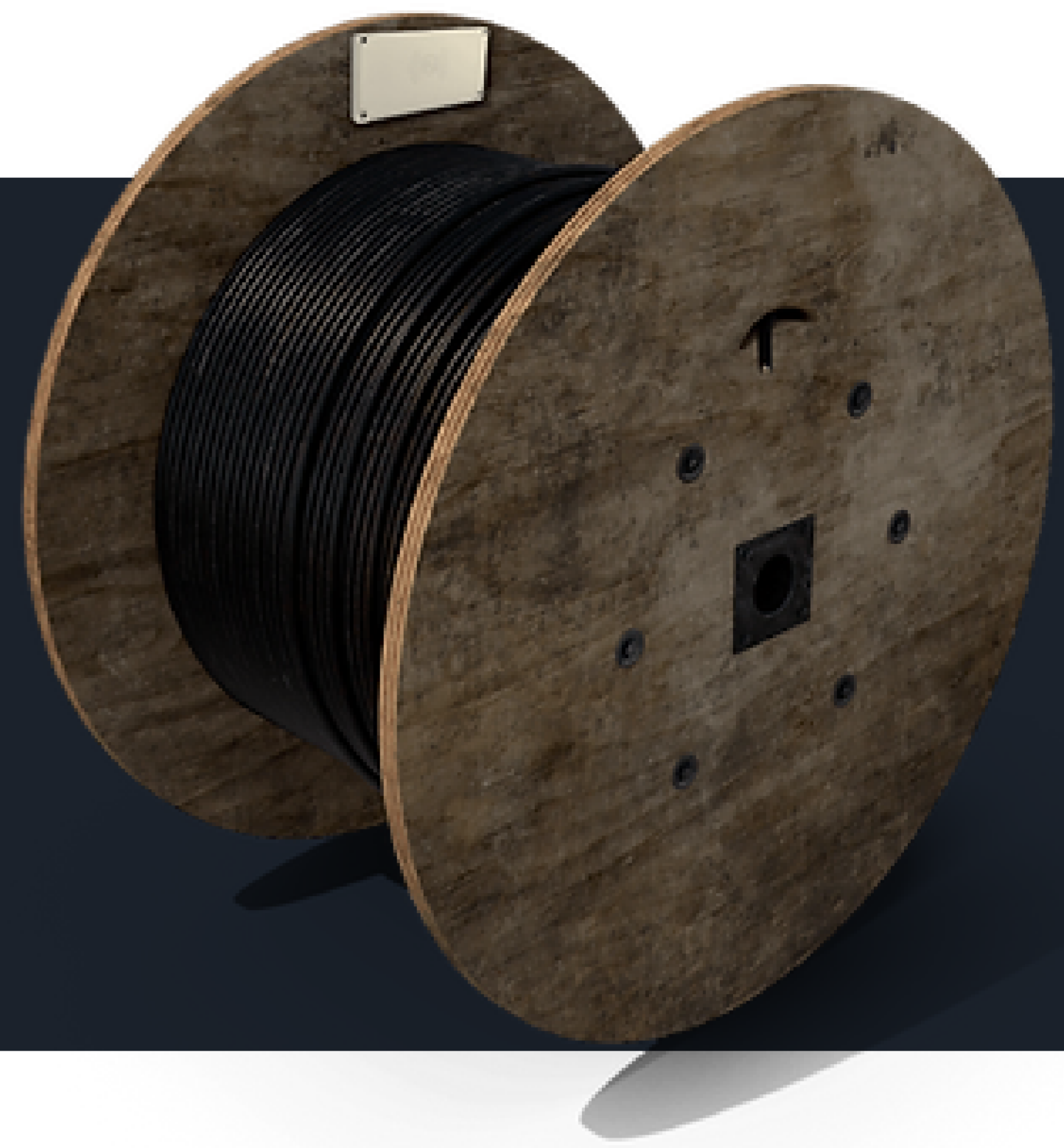


# CyDrum™

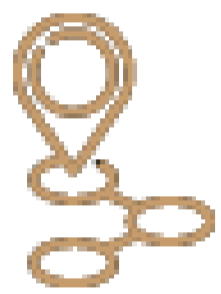
## Innovative Cable Drum Tracking & Monitoring System

Robust industrial-grade cable drum tracker & secure communication gateway.

Remotely track & monitor cable drums, cable consumption, and environmental statistics in real-time with CyDrum IoT Solution.

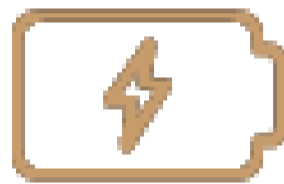


### Features



#### REAL TIME IDENTIFICATION AND LOCATION OF GOODS

Remotely identify asset contents and current location



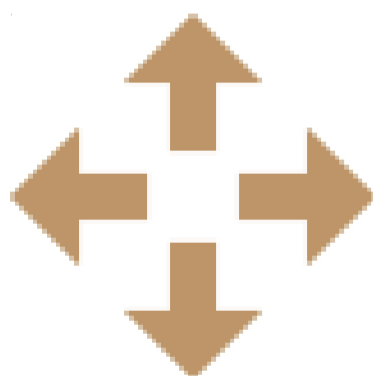
#### LONG LIFE BATTERY

3-5 year battery life depending on use case



#### CONFIGURABLE ALARM PARAMETERS

Set critical alarm parameters and notifications for service dispatch



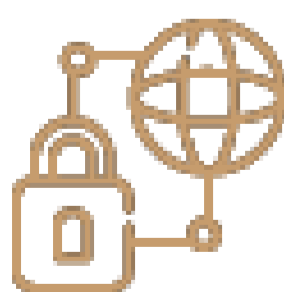
#### MOVEMENT DETECTION AND TRACKING

Immediate notification of unauthorized movement



#### REAL TIME TRACKING

Live asset tracking within zones equipped with Cypod CyNode or other third party BLE beacons



#### DATA SECURITY

All data collected from CyTag is encrypted at the sensor level

### Product Description

Cypod CyDrum™ is an IoT sensor and modem solution that is used for tracking and monitoring thousands of assets as cable drums from the manufacturing of the cable to the site and till it returns to the manufacturing of new cables.

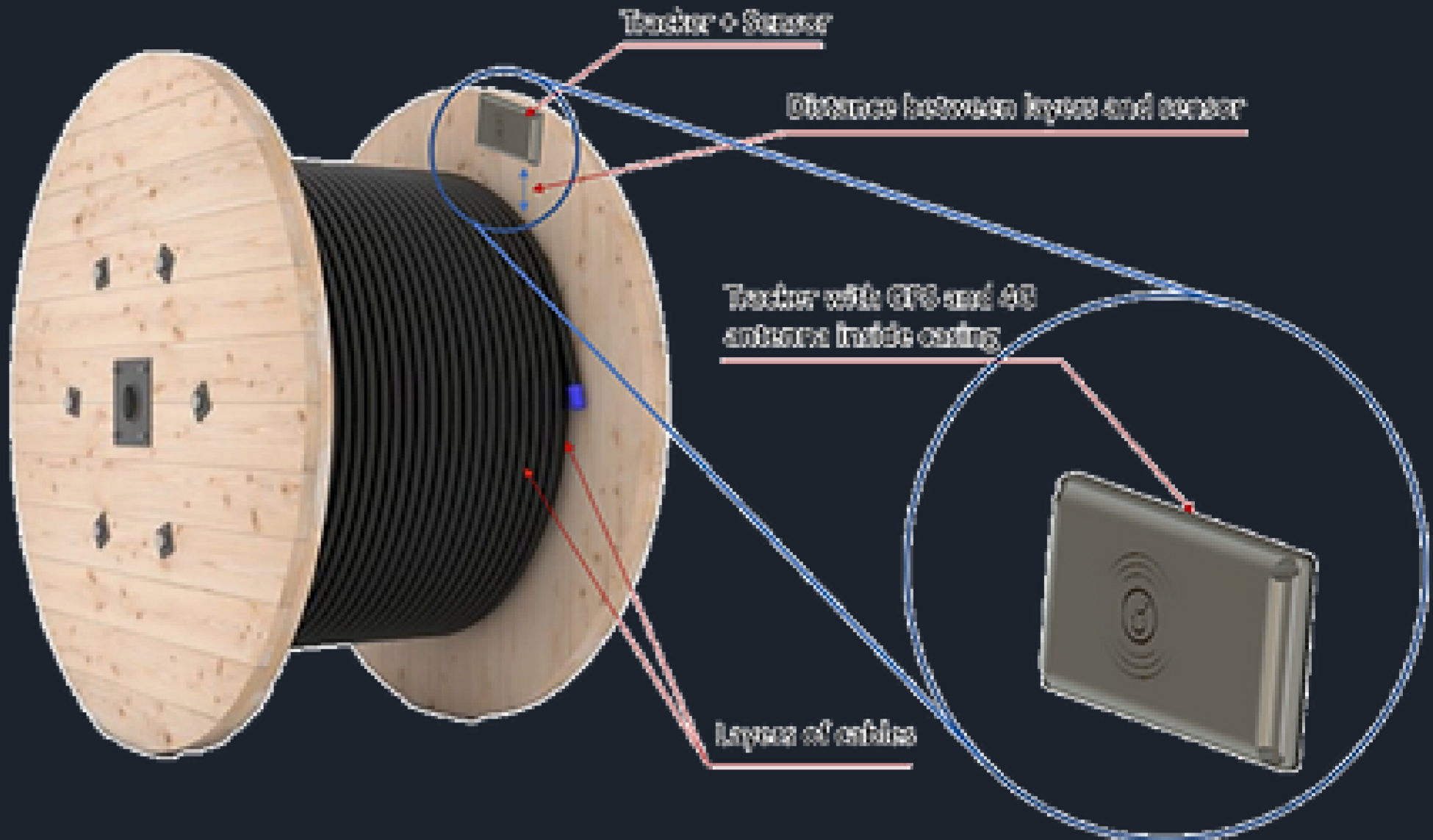
The CyDrum™ provides real-time information about drum location using GPS in combination with the 4G/3G/2G cellular to report its position, information about temperature and humidity to ensure proper environmental storing of cables, and approximate information about cable consumption for updating usage and utilization in addition to identifying and capturing information about cable drum such as type, age, drum owner, last refill, type of cable, and more.

It also plays a significant role in improving logistics and planning, cost reduction, and resource optimization enabling the effective usage of drums by keep monitoring and tracking cable usage on drums and how much is left as well as where and when have been used along with receiving alerts and notifications when cable consumption reaches a preset value.

Moreover, it eliminates theft as an alarm will be generated and sent to the administrator in case the drum has been moved outside a preset location/ Site. Additional perimeter alarms can be configured using Geo Fencing and Trigger Functions, while all cable drums information and location data are encrypted and sent remotely via GSM or 4G to a backend server to be viewed on Cypod IoT Management Software Dashboard.

The Cypod IoT Management Software is used to monitor, administer, and take action on alarms and data presented. Various reports on motion, latest status, and other reports can be downloaded or can even be scheduled to be sent automatically to the user's email.

- Cable Consumption Monitoring
- Secure Communication
- Realtime Location & Live Tracking
- Movement Detection & Geo-Fencing
- Rugged Industrial Casing: IP67
- Long life replaceable battery



 Reduce Theft and Mishandling of High Value Assets



 Manage Inventory, Contents and Location

## Use Cases

The Cypod IoT Management Software is used to monitor, administer, and take action on alarms and data presented. Various reports on motion, latest status, and other reports can be downloaded or can even be scheduled to be sent automatically to the user's email.

## Technical Specification

Type	Specification

