

Product Presentation

Applicant Name: Beeinventor

Product Name: UWB Collision Warning System

Specification:



- Core Functions:
 - Prevent collision
- Technology Used:
 - NB-IoT
 - UWB
- Construction Process involved:
 - Site formation
 - Tunnel/ shaft work
 - Building
 - Site management
- Key Improvement in Construction Process:
 - Safety

Innovative Features

- Core Technology:
 - NB-IoT
 - UWB
- Comparison with current practice and popular models:
 - More accuracy
- Comparison with similar Pre-approved list products and competitors:
 - Wider range of application
- First Launch Date: July 2020

Adoption Example

- Project for illustration:
- Central Kowloon Route – Kai Tak East” Project
(Contract No.: HY/2018/02)
- Work Process: In progress
- Use/ Function in project:
 - Prevent collision



Detector



Alarm

Benefits - Safety

- Improve safety by:
 - Collision prevention
 - Eliminate dangerous environment
 - Tracking unauthorized entering
 - More accurate to detect dangerous distance



Using plastic stick to prevent collision



With UWB detector