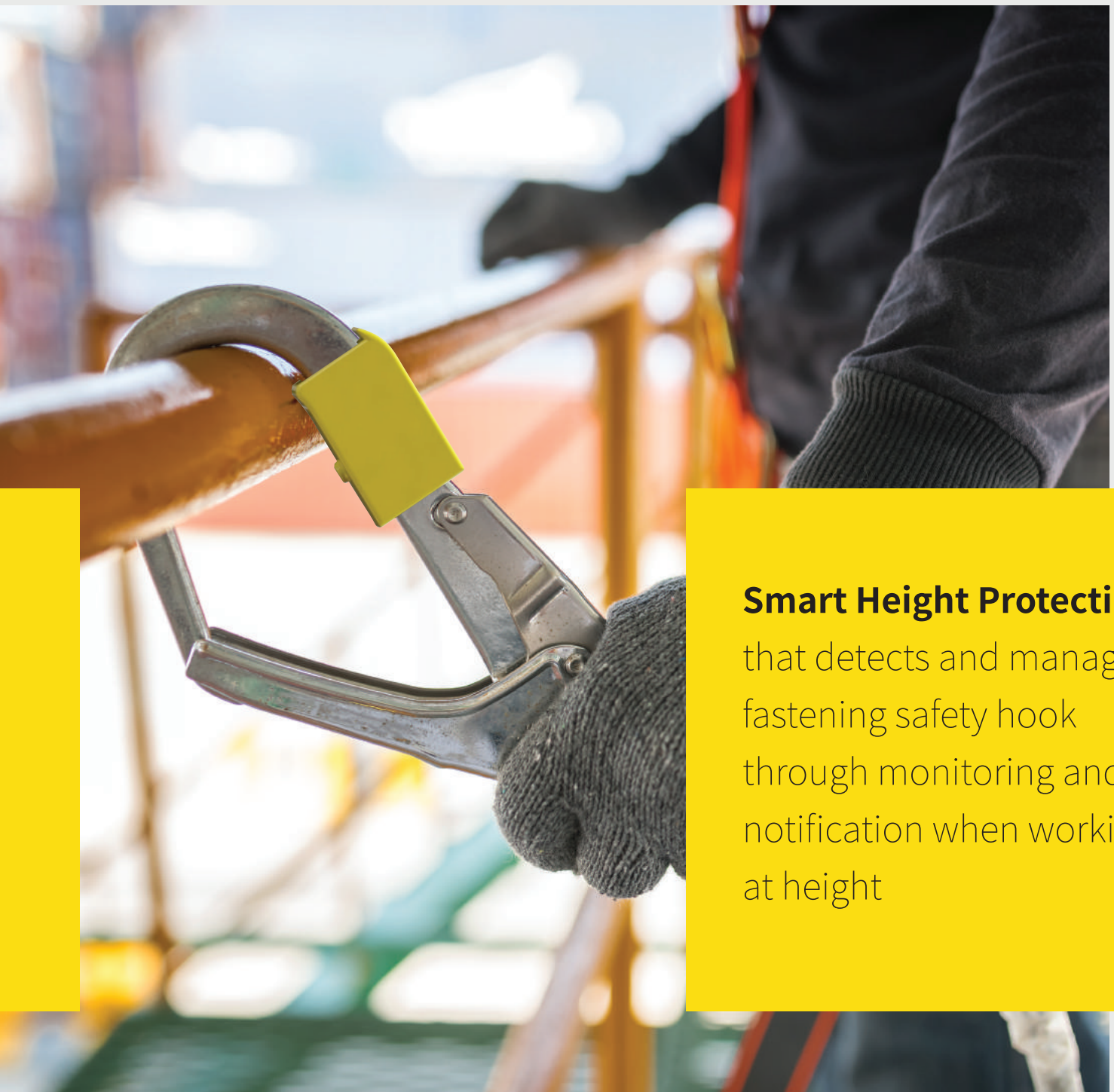


Smart Height Protection

Integrated Smart Hardware to prevent falling accidents for work at height



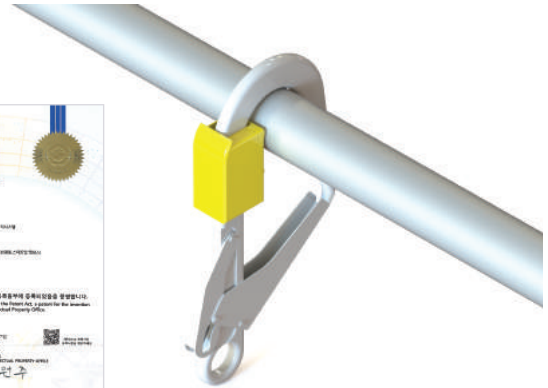
Smart Height Protection

that detects and manages fastening safety hook through monitoring and notification when working at height

Smart Height Protection

A Smart Hardware that notifies the worker and the manager through the siren and mobile/web notification by detecting whether the worker has fastened the safety hook when working at height.

- Patent: Work safety management system using safety belt unit for working at height (No. 10-1964727)



Main Features



Real-time Safety Hook Detection Monitoring

The Smart Safety Platform (web/app) that connects the Smart Height Protection allows convenient monitoring of the worker status in real-time.



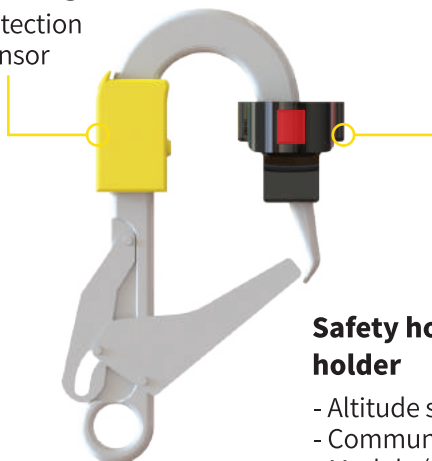
Stress-Free Installation

Without having to purchase a new safety harness or hook, the system can be applied on existing safety hooks by attaching and using this smart hardware.

Product (set)

Safety hook fastening area

- Detection sensor



Safety hook holder

- Altitude sensor
- Communication Module (BLE)
- Status Indicating Light

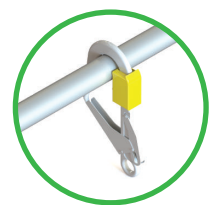
How It Works



Normal



When safety hook is not fastened (altitude detection)



Safety hook is fastened (altitude detection)

Worker's height is detected via altitude sensors, and if the safety hook is not fastened after beginning to work at height, the status indicator light on the operator's safety hook holder turns red (normally green) and an alarm is generated on the holder and on the safety platform (web/app).