

# JTEKT-SignalHop



JTEKT-SignalHop T  
(Transmitter)



JTEKT-SignalHop R  
(Receiver)



Mounting  
example

For the visualization of operating status of the present equipment, equipment signal inspections, electric circuit modifications and wiring work for the information integration device were conventionally necessary.

This product (SignalHop transmitter and receiver) can send information wirelessly by just mounting it on the tower light of the equipment, and eliminated the need for wiring work.

Visualization is feasible without circuit design and wiring work.

## Purpose

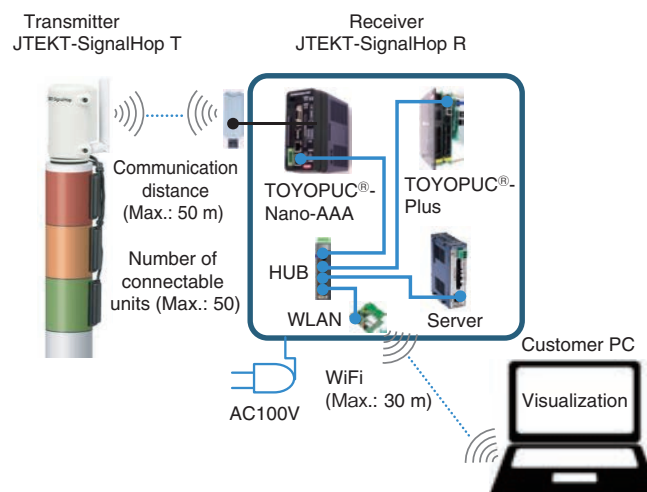
Visualization of operating status through “add-on” (Maximum 50 units)

- Possible to introduce “visualization of operating status” at a minimum cost.
- Can be immediately brought into operation, thus reducing the lead time from operation to improvement and enhancing equipment operational availability.

## Features

- ①Compatible with various manufacturers’ tower lights (Mounting only)
- ②Meet with factory environments (Protection rating: IP55)
- ③Battery drive (Two, AA battery)  
Recommended replacement time: Approximately after one year (Notification function is equipped)
- ④Andon display
  - Equipment status · Cumulative running and error time · Number of errors
- ⑤Gantt chart monitor of operation  
The past operating status for each equipment can be confirmed chronologically
- ⑥Data collection (Saves about 200 days of operating status)
  - Running and error time · Equipment operating status (One-minute cycle)

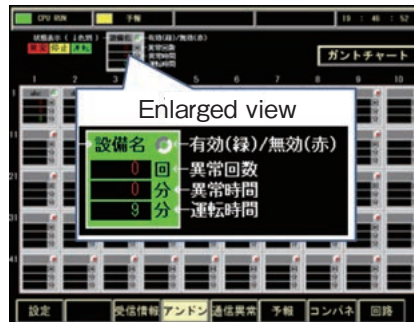
## System Configuration



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### Visualization Screen

- Possible to display the number of erroneous stops, error time, and running time



- Operating status shown chronologically



### Case of Company-A

- ① The operating status of the equipment is visible at a glance.
- ② The maintenance personnel became to check voluntarily whether the stop is a normal stop or an erroneous stop.
- ③ Erroneous stop is notified to the managers immediately so MTTR (Mean time to recovery) became shorter.
- ④ The cause of miscommunication between a person in charge of production planning and workers in the production lines could be identified clearly.
- ⑤ Through the analysis of equipment operation data, percentage of defect was reduced and planned maintenance became possible.
- ⑥ Cooperation is gradually seen in the employees' awareness and company atmosphere (Ripple effect).

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