YOBIDASHI
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Immediately Gather Reports of Trouble Occurrences on the Production Line
LAN Connection Type Andon Receiver

NEW

WCL-920R

This LAN connection type Andon[*1] receiver is easily installable and requires no wiring work. It is perfect for customers who say, "I want to respond immediately to problems that occurred on the production line" or "I want to analyze the history of troubles that occurred on the production line."

Transmitter **AN920T**

Andon Receiver **WCL-920R**

Communication Distance
- Standard Mode   Indoor: approx. 500 m (0.31 mi.)   Line of sight: approx. 1 km (0.62 mi.)
- Long Range Mode Indoor: approx. 1 km (0.62 mi.)   Line of sight: approx. 2 km (1.24 mi.)

Reports Trouble Occurrences on the Production Line Immediately

CASE 1
Parts Out of Stock!
AN920T
Push-button

CASE 2
Call to Request Transportation of Finished Products
AN920T
External Input

CASE 3
Processing Machine Stopped!
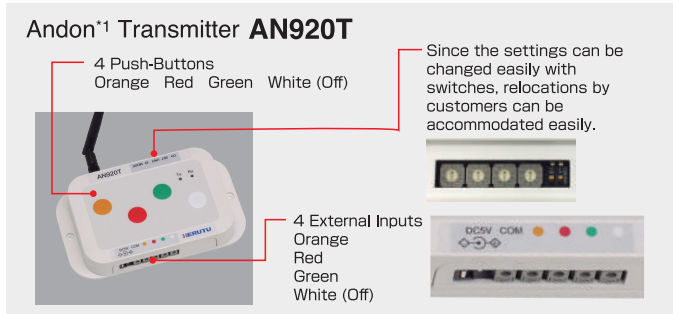**AN920T**
External Input

CASE 4
Derailed AGV Stopped! Exception Occurred!
AN920T
External Input

Real-Time Gathering of Reports on Trouble Occurrences from Workers and Machines

The WCL-920R can wirelessly receive in real-time trouble occurrence reports transmitted from the AN920T transmitter installed at the workstations and machines of the production line.

Andon[*1] Transmitter **AN920T**

4 Push-Buttons
Orange   Red   Green   White (Off)

Since the settings can be changed easily with switches, relocations by customers can be accommodated easily.

4 External Inputs
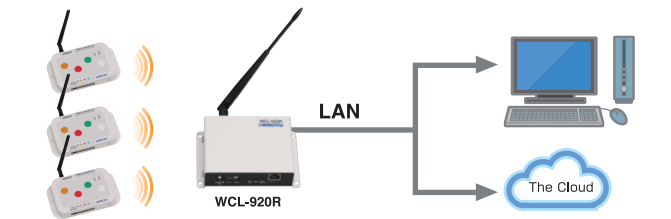Orange
Red
Green
White (Off)

DC5V COM

■ At the transmitter, there are two selectable input methods for reporting trouble occurrences: one for workers with four push-buttons (orange, red, green, and white) and one for machines with four external inputs (orange, red, green, and white). According to possible trouble occurrences in the production line, you can assign each color a meaning, such as red for an exception occurrence, orange for parts out of stock, green for requesting transportation of finished products, or white for trouble solved.

■ Within one factory, up to 16 WCL-920R can coexist. Each can wirelessly communicate with up to 800 transmitters, which allows for the gathering of reports of trouble occurrences from up to 12,800 locations.

External Output of Information on Trouble Occurrences on the Production Line via LAN
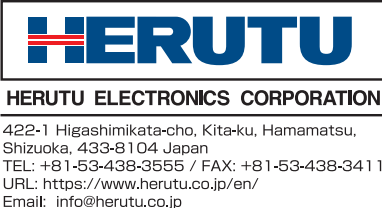
The WCL-920R can externally output the received reports of trouble occurrences via LAN. By utilizing and analyzing the information of trouble occurrences on the production line with applications on computers, tablets and in the cloud, the WCL-920R can be useful for visualizing and improving the operation status of the production line.

LAN

WCL-920R

The Cloud

■ Using the Windows application "Production Process Support Software for WCL Series WCL plus," you can save the trouble occurrence history received by up to 10 Andon[*1] receivers in the CSV format.

WCL plus

Possible Linkage with Wireless Andon[*1] AN920

When the wireless Andon[*1] series AN920 is in place at the production site, the installed transmitter AN920T can be used as is.[*2]

AN920R-MRD

1 2 3 4 5 6 7 8

1 2 3 4
AN920RH

AN920RM

AN920T

WCL-920R

*1: A system to notify management, maintenance, and other workers of a quality or process problem.
*2: It may be necessary to change the frequency of your transmitter / receiver.

Please contact your nearest distributor

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