**General Specifications**

- **Model Name**: WDR-LE-Z2
- **Corresponding Model**: 0QFO1SJDF
- **Maximum Links**: 1
- **Current Consumption**: 65mA ±15mA
- **AC Adaptor Rating**: *AC100V
- **AC Adaptor Voltage Tolerance**: *AC90V - AC110V
- **Operating Temperature Range**: 0 - 40°C (When AC Adaptor is used)
- **Storage Temperature Range**: -10 - 70°C (When AC Adaptor is used)
- **Relative Humidity**: No more than 85% RH (No condensation)
- **Operating Voltage Range**: DC21.6V - DC26.4V
- **Rated Voltage**: DC24V (AC Adaptor Included *)
- **AC Adaptor**: Internal
- **Power Source**: Power supply from AC Adaptor or direct power source
- **Wireless Transmission Speed**: Maximum 250k-bps*2
- **Radio Frequency Range**: Direct Sight of about 60m (Reference signal line as a supply for power)
- **Wireless Transmission Output**: Maximum 3 mW (From Antenna Source)
- **Wireless Transmission Method**: Direct Spread (DS-SS System)
- **Protection Rating**: Conforms to installed Signal Tower
- **Mounting Direction**: (Indoor Only) Upright (Wall Mount) or Sideways (Level Implementation)
- **Wireless Communication Frequency**: 2405MHz - 2480MHz (16 Channels)
- **Protection Rating Conforms to installed Signal Tower**: Corresponding Signal Tower LME Series LE Series
- **Mass**: 52g±5g
- **Compliances**: Japan: Radio law, Electrical Appliance and number of communications. North America: FCC, UL (For WDT)

**Wiring Diagram**

As shown in the following figure, always supply power from one open signal line to be used as the power supply. (The example shows the white signal line as a supply for power)

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**Wiring Diagram**

As shown in the following figure, always supply power from one open signal line to be used as the power supply. (The example shows the white signal line as a supply for power)
Interfacing the WDS-AS1 Monitor Software is easy to set up to get all the information of signal towers. Focus on the important data from the factory lines.

**ANDON Monitoring Software (plus Viewer Software)**
Monitor information from all equipment anywhere in the factory. This product doesn't need complicated wireless or network settings, the automatic selection for a good route to carry data communication is done as soon as the power source is connected. In addition, when an obstacle impairs the data transmission of the wireless communication, the transmitter automatically searches for a different route to re-connect.

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**Wireless Communications System**
- Multihopping wireless networking for accurate and reliable communication
  - The transmitted data mutually selects the best route for radio wave communication.
  - Even with modifications of the floor layout, data communication starts automatically from power-up.
  - Multi-hop mesh network communication is flexible enough to respond to the circumstances of radio communication.
- Automatic routing function selects optimum communication
  - This product doesn't need complicated wireless or network settings, the automatic selection for a good route to carry data communication is done as soon as the power source is connected.
  - In addition, when an obstacle impairs the data transmission of the wireless communication, the transmitter automatically searches for a different route to re-connect.

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**WDS-AS1 (+Viewer) Free Software!!**
Monitor information from all equipment anywhere in the factory. The transmitted data mutually selects the best route for radio wave communication. Even with modifications of the floor layout, data communication starts automatically from power-up. Multi-hop mesh network communication is flexible enough to respond to the circumstances of radio communication.

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**Solution**
- New equipment, old equipment, and various manufactured equipment is intermingled, making the total system configuration difficult.
- Just by attaching to a Signal Tower, data can be collected from all of the equipment. This makes system configuration simple.
- The actual production and progress ratio needs to be calculated, but the introductory price of a new acquisition system is high. A new system introduction for wireless communication is available at a lower cost.
- Information needs to be gathered for a factory line, but it involves time and immense expenses. Layout changes with extensive re-wiring work for equipment can be omitted with the use of wireless.

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For easy attachment, just remove the Signal-Tower top cap and fixing screw and re-assemble it with the adaptor. Just attach it to a Signal Tower!! It transfers information wirelessly!!

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**For LME Model Only**
- WDT-6M-Z2
- WDR-LE-Z2
- WDS-AS1 (+Viewer)
- WDS-AS1 (+Viewer) Monitor Software

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**Add communication to the factory floor!**
Increases Manufacturing Efficiency!

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**Can store logged data!!**
Add communication to the factory floor!

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**Stable Wireless Route**
- Wireless network communication
- Layout changes with extensive re-wiring work for equipment can be omitted with the use of wireless.

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**Security Communications**
- Transmitter A
- Transmitter B
- Transmitter C
- Transmitter D
- Transmitter E
- Transmitter F
- Transmitter G

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**Transmitter C**
- The transmitted data mutually selects the best route for radio wave communication.
- Even with modifications of the floor layout, data communication starts automatically from power-up.
- Multi-hop mesh network communication is flexible enough to respond to the circumstances of radio communication.

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**Automatic Routing function selects optimum communication**
This product doesn't need complicated wireless or network settings, the automatic selection for a good route to carry data communication is done as soon as the power source is connected. In addition, when an obstacle impairs the data transmission of the wireless communication, the transmitter automatically searches for a different route to re-connect.

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**Wireless Transmission**
- Wireless Transmission
- Wireless Transmission
- Wireless Transmission
- Wireless Transmission
- Wireless Transmission
- Wireless Transmission

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**Signal Tower**
- Signal Tower
- Signal Tower
- Signal Tower
- Signal Tower
- Signal Tower
- Signal Tower

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**Ethernet (LAN)**
- Ethernet (LAN)

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**Viewer 1 Viewer 2 Viewer 3**
- Viewer 1
- Viewer 2
- Viewer 3

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**WDS-AS1 ANDON Monitor**
- WDS-AS1 ANDON Monitor

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**Solution**
- Problem
- Solution
- Problem
- Solution
- Problem
- Solution

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**New equipment, old equipment, and various manufactured equipment is intermingled, making the total system configuration difficult.**

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