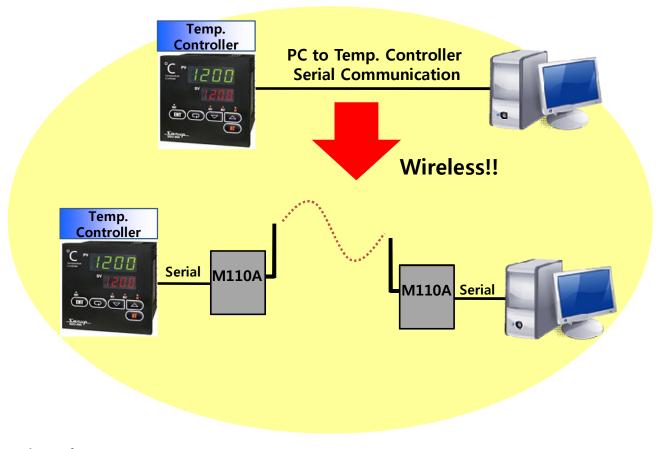


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Wireless Serial Communication

Wireless Communication by UHF(400MHz) Band

- Most existing Industrial wireless devices use microwave frequency(2~5GHz)
- Microwave frequency has many limit in industrial field because straight and attenuation property
- UHF band can long range communication because that is more robust than microwave frequency



Product Info.

- M110A
 - ✓ RS232/RS485 User Selectable
 - ✓ Serial Baud Rate User Selectable
 - ✓ "point-to-point," "point-to-multipoint " Communication Possible

RF Features

- Use 434MHz
- Expected Line-of-Sight : Up to 1.5Km

Applications

- Wireless Serial Communication
- FA, Environment Monitoring, u-City, u-Farming

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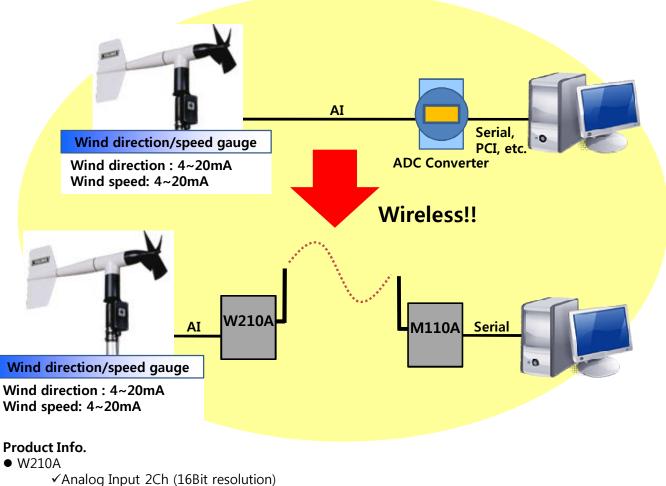


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Wireless Transmission of **Analog Output Sensor Signal**

Wireless Communication by UHF(400MHz) Band

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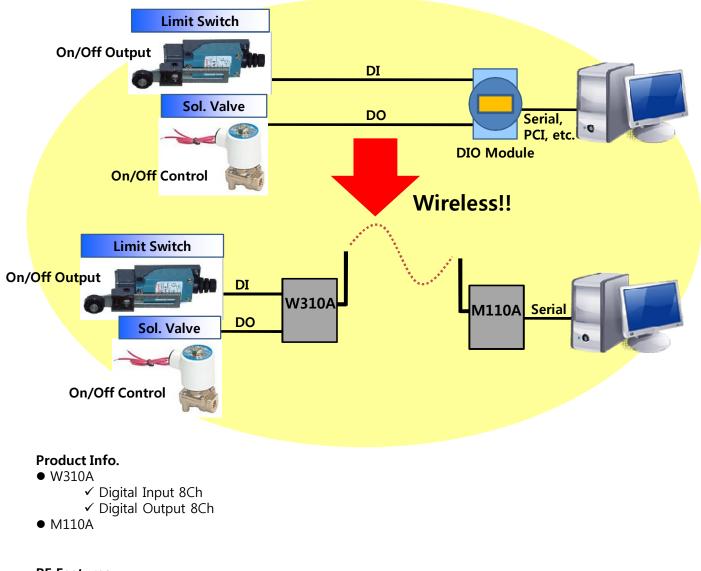
- ✓ 0~5V, 0~10V, 4~20mA User Selectable
- M110A
- **RF** Features
- Use 434MHz
- Expected Line-of-Sight : Up to 1.5Km

- Wireless Serial Communication
- FA, Environment Monitoring, u-City, u-Farming

Wireless Transmission of On/Off Status , Wireless On/Off Control

Wireless Communication by UHF(400MHz) Band

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- RF Features
- Use 434MHz
- Expected Line-of-Sight : Up to 1.5Km

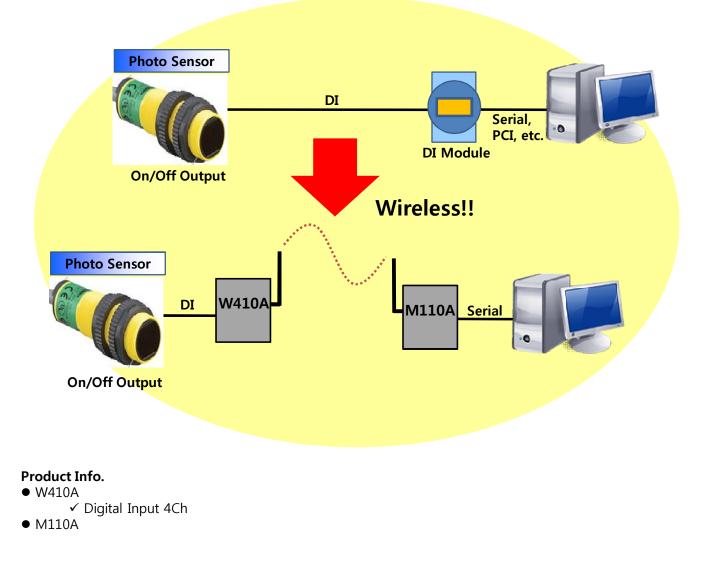
- Wireless Serial Communication
- FA, Environment Monitoring, u-City, u-Farming



Wireless Transmission of On/Off Status

Wireless Communication by UHF(400MHz) Band

- Most existing Industrial wireless devices use microwave frequency(2~5GHz)
- Microwave frequency has many limit in industrial field because straight and attenuation property
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RF Features

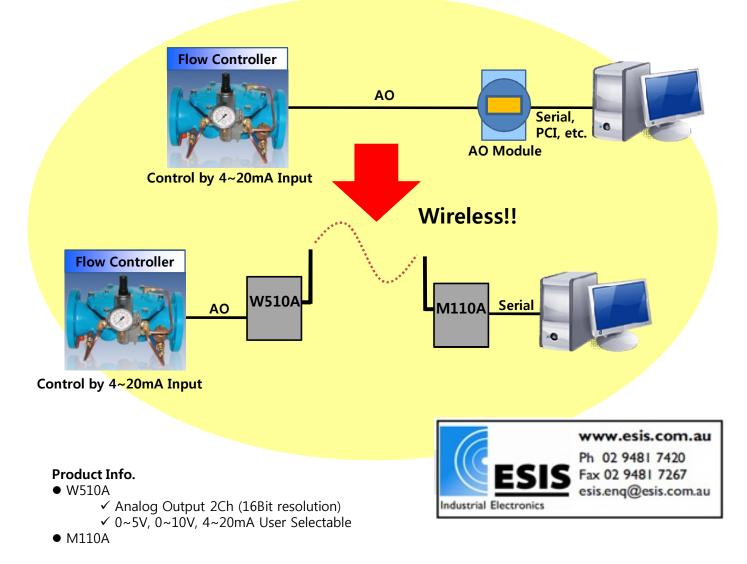
- Use 434MHz
- Expected Line-of-Sight : Up to 1.5Km

- Wireless Serial Communication
- FA, Environment Monitoring, u-City, u-Farming

Wireless Analog Control

Wireless Communication by UHF(400MHz) Band

- Most existing Industrial wireless devices use microwave frequency(2~5GHz)
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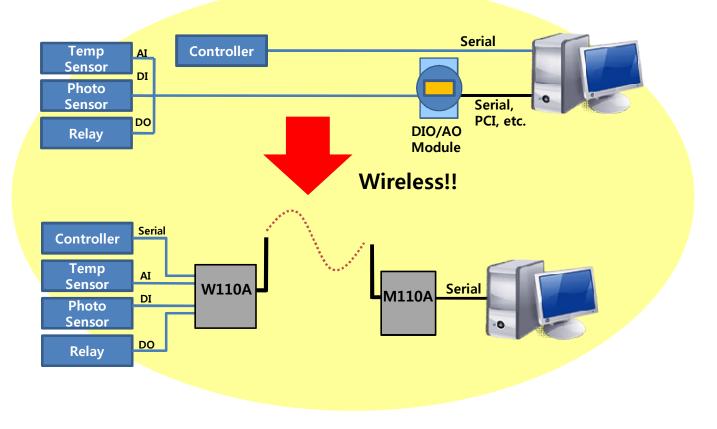
- **RF Features**
- Use 434MHz
- Expected Line-of-Sight : Up to 1.5Km

- Wireless Serial Communication
- FA, Environment Monitoring, u-City, u-Farming

Wireless Digital/Analog/Serial Data Acquisition and Control

Wireless Communication by UHF(400MHz) Band

- Most existing Industrial wireless devices use microwave frequency(2~5GHz)
- Microwave frequency has many limit in industrial field because straight and attenuation property
- UHF band can long range communication because that is more robust than microwave frequency



Product Info.

- W110A
 - ✓ RS232 Communication
 - ✓ Digital Input 8Ch, Digital Output 8Ch
 - ✓ Analog Input 5Ch
- M110A
- **RF Features**
- Use 434MHz
- Expected Line-of-Sight : Up to 1.5Km

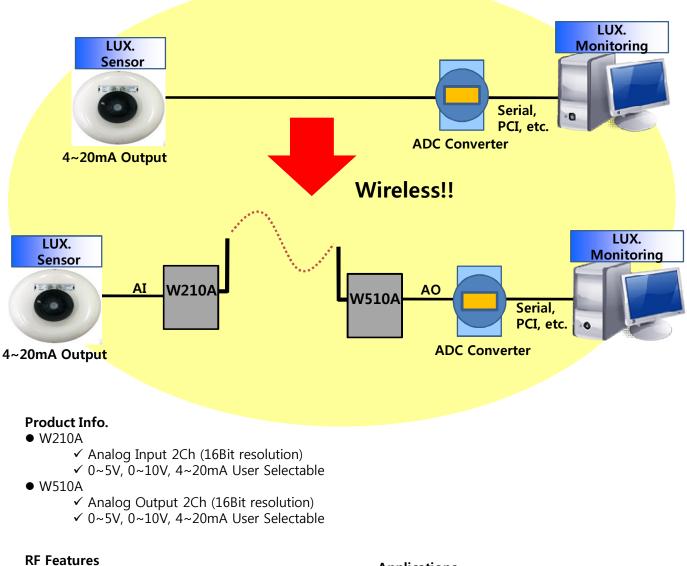
- Wireless Serial Communication
- FA, Environment Monitoring, u-City, u-Farming



Wireless Analog Signal Input/Output

Wireless Communication by UHF(400MHz) Band

- Most existing Industrial wireless devices use microwave frequency(2~5GHz)
- Microwave frequency has many limit in industrial field because straight and attenuation property
- UHF band can long range communication because that is more robust than microwave frequency



- Use 434MHz
- Expected Line-of-Sight : Up to 1.5Km

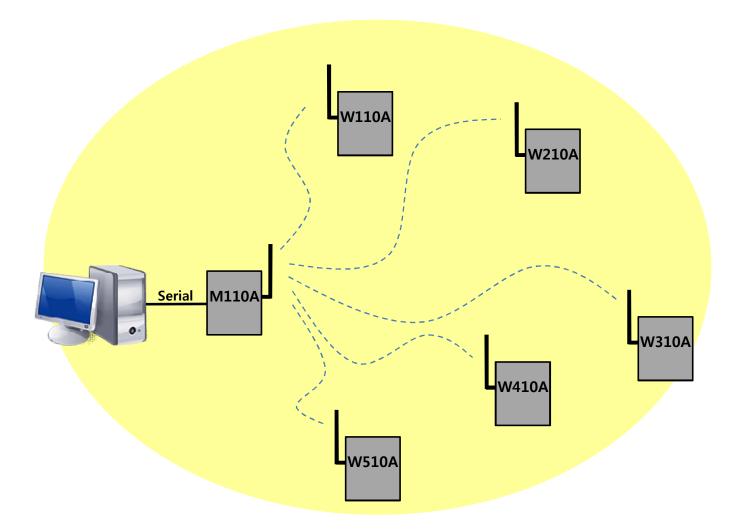
- Wireless Serial Communication
- FA, Environment Monitoring, u-City, u-Farming



Point-to-Point Communication

Wireless Communication by UHF(400MHz) Band

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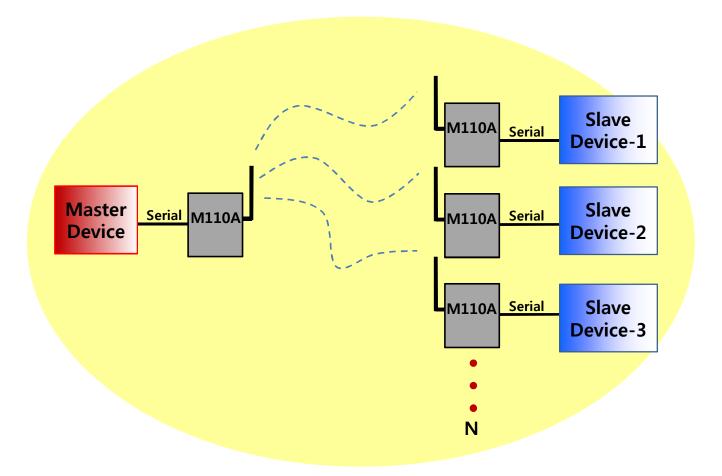




Point-to-Multipoint Communication

Wireless Communication by UHF(400MHz) Band

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- Microwave frequency has many limit in industrial field because straight and attenuation property
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Feature

- Master Device trying to send command to specified Slave Device ID
- All Slave Devices are receiving command from Master Device
- Specified Slave Device ID work for Master Device wants

