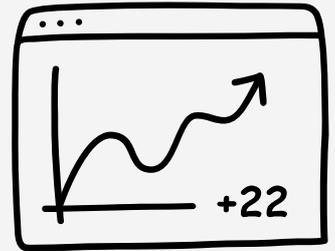
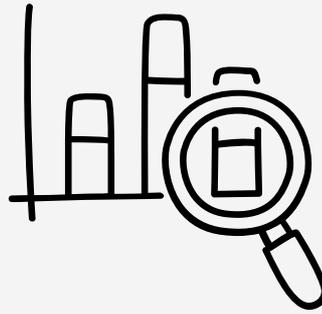
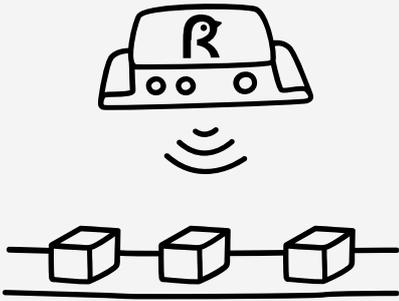


# FACTBIRD

## USER GUIDE | IIoT Edge Devices



OEE

# INSTALLATION GUIDE

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# INSTALLATION GUIDE

Factbird® DUO

## Hardware Setup with digital sensor



① Factbird® DUO



② Digital sensor



③ Sensor cable



④ Power supply unit

### 1a

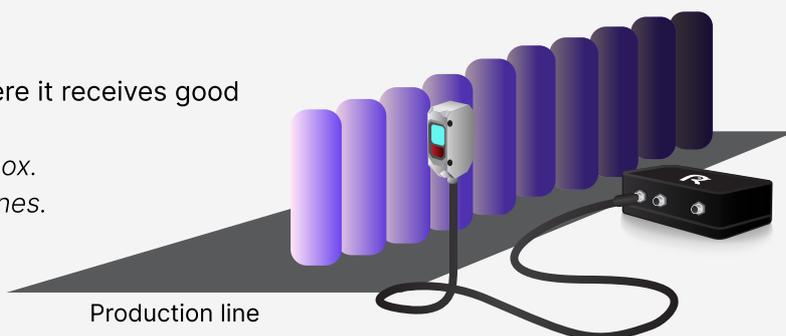
#### Connecting a digital sensor and cables

1. Connect ③ sensor cable to ② digital sensor and ① Factbird® DUO.
2. Connect ④ power supply unit to ① Factbird® DUO.
3. Plug into power and check if the ② sensor turns on.

### 2

#### Mounting at production line

1. Mount ② sensor.
2. Place the ① Factbird® DUO where it receives good networks signals.  
*Not inside the cabinet or metal box.*  
*Not under or between big machines.*



# INSTALLATION GUIDE

Factbird® DUO

## Hardware setup with analog sensor



① Factbird® DUO



Sensor examples

② Analog Sensor  
4-20 mA / 0-10V



③ Converter



④ Sensor cable x2

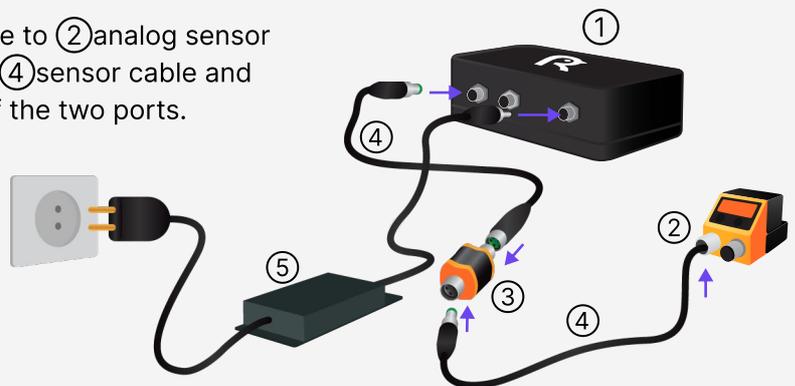


⑤ Power supply unit

## 1b

### Connecting an analog sensor and cables

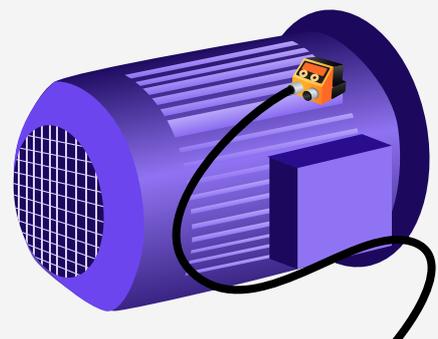
1. Connect one end of ④ sensor cable to ② analog sensor and the other end to ③ converter, ④ sensor cable and ① Factbird® DUO device on any of the two ports.
2. Connect ⑤ power supply unit to the power input on the ① Factbird® DUO device.
3. Plug into power and check if the display on ③ converter turns on.



## 2

### Mounting at production line

1. Mount ② sensor.
2. Place the ① Factbird® DUO where it receives good networks signals.  
*Not inside the cabinet or metal box.*  
*Not under or between big machines.*



# INSTALLATION GUIDE

Factbird® DUO

## Hardware setup with PLC cable



① Factbird® DUO



② Factbird® PLC cable

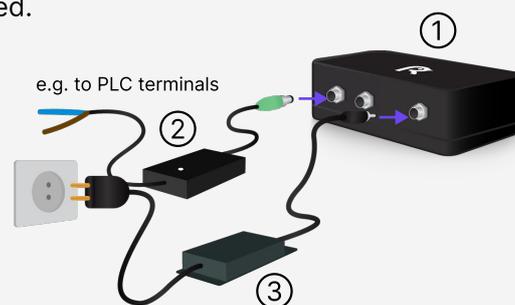


③ Power supply unit

### 1c

#### Connecting wires and cables

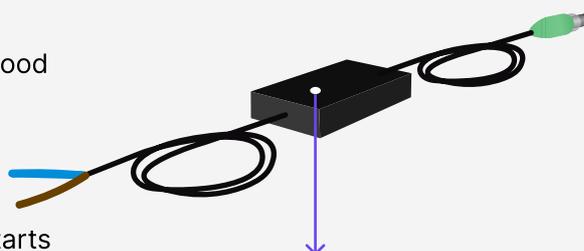
1. Find a 24V output signal that is high for every part produced and install the ② Factbird® PLC cable in parallel. e.g. PLC terminal of existing sensors for counting parts produced.
2. Connect ② Factbird® PLC cable to ① Factbird®.
3. Connect ③ power supply unit to ① Factbird® and plug into power.



### 2

#### Check the connection

1. Place the ① Factbird® DUO where it receives good networks signals.  
*Not inside the cabinet or metal box.*  
*Not under or between big machines.*
2. The indicator light on ② Factbird® PLC cable starts blinking once it receives signal.



The indicator light starts blinking.

# INSTALLATION GUIDE

Factbird® DUO

## Software login

# 3

1. You'll receive a welcome email from Factbird.
2. Open the email and create your password according to the instruction in the email.
3. Log into the Factbird application and view your production data at: [cloud.factbird.com](https://cloud.factbird.com)



For more details, see the guide at [factbird.com/resources/getting-started](https://factbird.com/resources/getting-started)



## How to make a short cut

For smartphone and tablet user, set Factbird icon on your home screen for quicker access.



1. Log in to [cloud.factbird.com](https://cloud.factbird.com), tap the *Share* icon in the menu bar at the bottom.
2. Tap *Add to Home Screen* in the menu, and tap *Add* again.



1. Log in to [cloud.factbird.com](https://cloud.factbird.com), tap the *three vertical dots* in the upper right corner.
2. Tap *Add to Home Screen* in the menu, and tap *Add* again.

