

Topic: How to bind DOP-100 to DIACloud via Wi-Fi Dongle

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|------------------|--|
| Applicable model | DOP-100 Series (DOP-107SV and DOP-112/115 model don't support Wi-Fi dongle.) |
| Keyword | DX-MWB-01 Wi-Fi Dongle |

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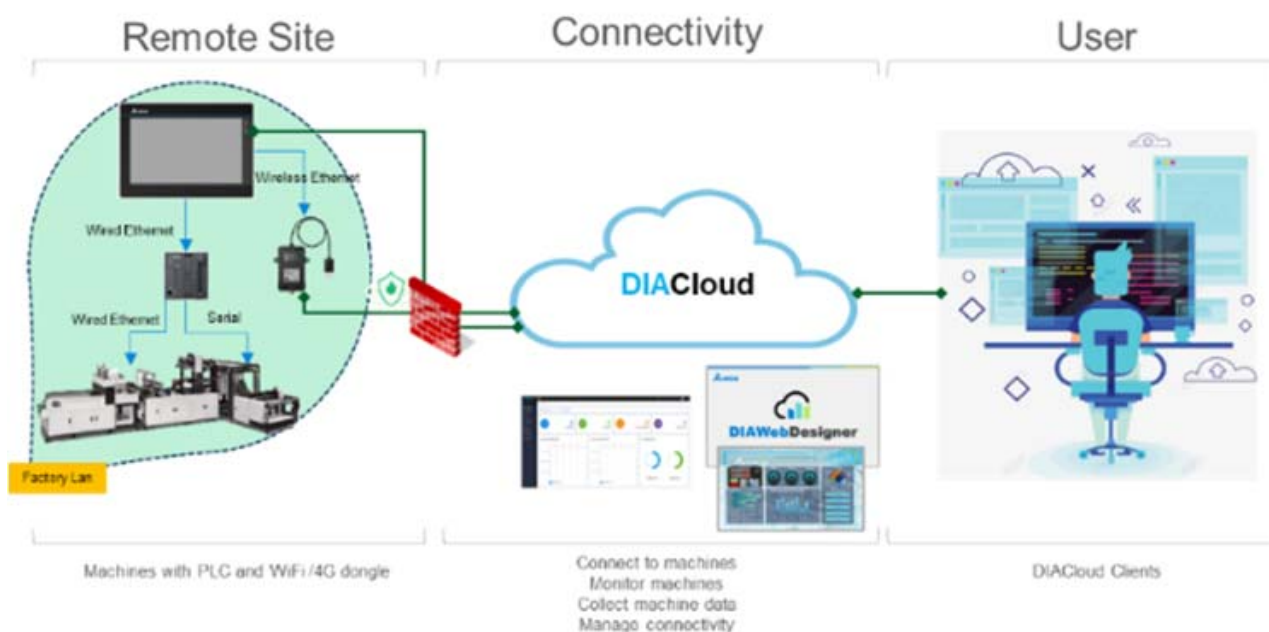
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1. Introduction

DIACloud is an IoT cloud platform specially designed for machine manufacturers and end users. DIACloud allows you to easily create customized dashboards and use them to collect, analyse and leverage data to improve efficiency, helping managers obtain machine status and respond to the entire IoT architecture.

2. Scenario

Considering regional environmental restrictions, DOP-100 product is paired with a Wi-Fi Dongle to support remote connection to DIACloud. With these products, machine manufacturers and users can troubleshoot machines, correct PLC errors, and use/update HMI remotely without traveling.



3. Hardware/Software Configuration

| No. | Device | Type | Quantity |
|-----|--------|--------------|----------|
| 1 | HMI | DOP-3S07S3E2 | 1 |
| 2 | Dongle | DX-MWB-01 | 1 |

Software version: DIAScreen1.4.3.45

Firmware version: Ver-1.0132.8.1

- **Architecture**



4. Operational Steps

- **Use Wi-Fi Dongle to connect to DOP-100 series**

1. Plug DX-MWB-01 into the DOP-100 series HMI (DOP-107SV does not support Wi-Fi Dongle).
2. Open eDIACloud App to scan the QRCode on the Wi-Fi Dongle.



3. After scanning, the following screen will pop up. Please enter the PIN code and click **Next**.



4. Follow the instructions to scan the HMI serial number.



5. After entering the information and click OK. Completing this step means the HMI binding process has been completed.



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<

设备名称* 请输入 >

设备 SN 请输入 >

设备型号 请输入 >

设备分组* 请选择 >

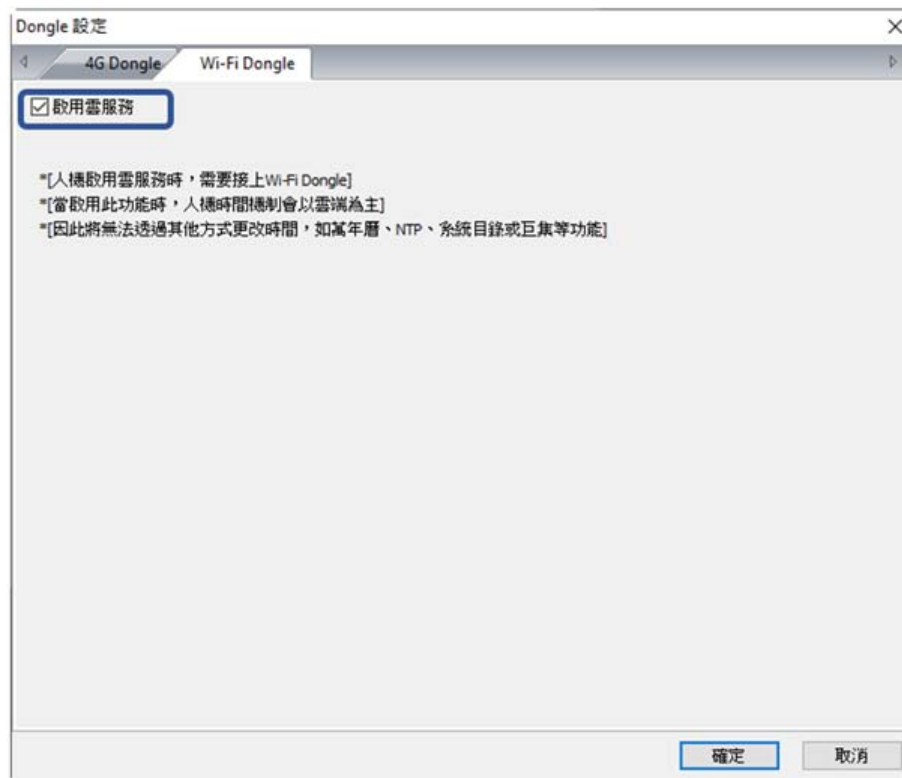
关联模板 请选择 >

设备地址 请输入 >

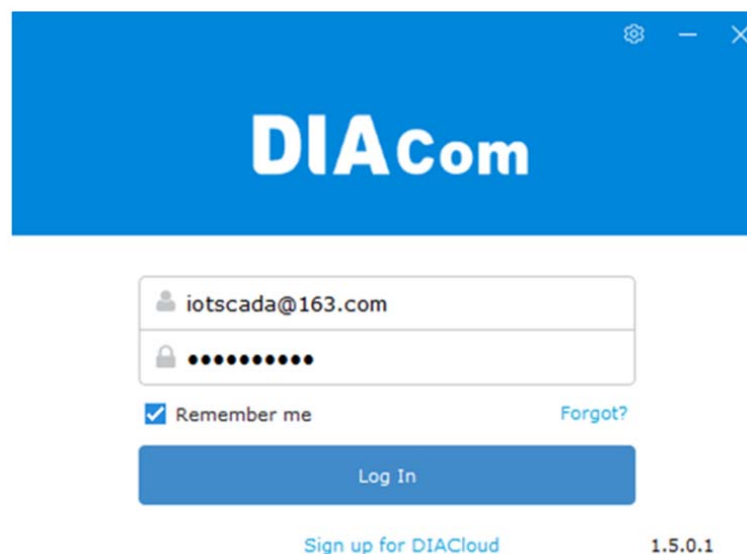
备注 0 / 100
请输入

取消 确定

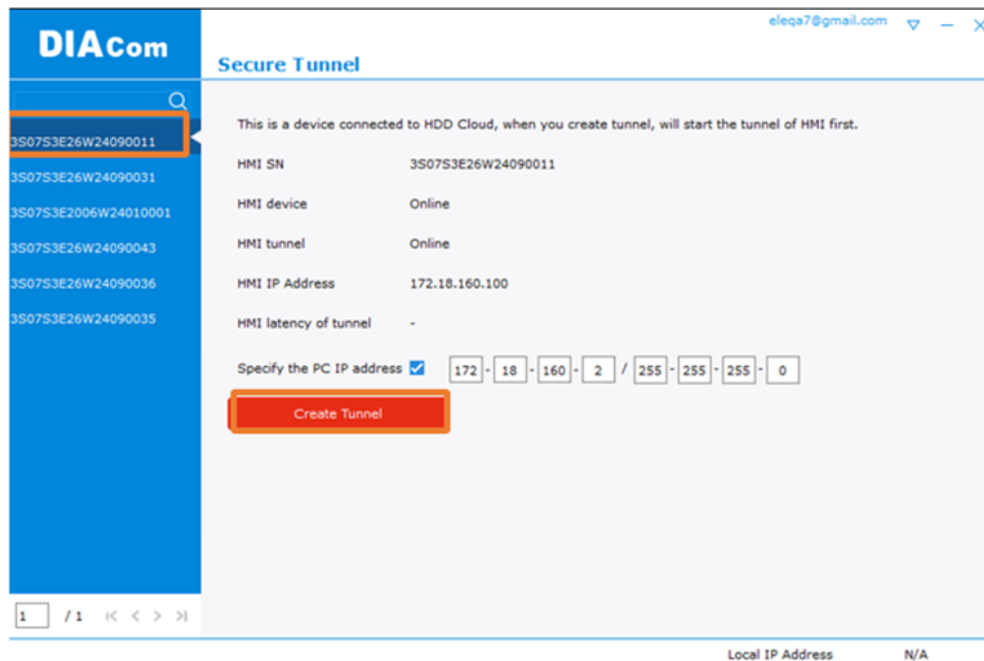
6. Execute DIAScreen > Select DOP-100 series HMI model > Open IIoT page > Click 4G/ Wi-Fi Dongle > Choose Wi-Fi Dongle > Select Enable Cloud Service, completing this steps means that the HMI binding process has been completed.



7. Download the HMI project: Select Common > Environment settings > Upload/Download Settings and switch to Ethernet mode > Open the IIoT page > Click **DIACom** > Enter the DIACloud account and password.



Select the HMI serial number and create the Tunnel. After the creation is completed, you can get the HMI IP location. As shown in the figure below, the HMI IP location is 192.168.160.100.



Return to the DIAScreen software page, enter the IP address 192.168.160.100 and click **Start Transfer** to download the HMI project.



5. Functions

When the DOP-100 is successfully connected to DIACloud, the HMI can be uploaded/downloaded remotely.

6. Conclusion

This article demonstrates how DOP-100 binds the HMI to DIACloud through Wi-Fi Dongle.