



Antenna Guide

Model : IDRO900ME-U7

February 24, 2026

Ver. 260224

Revision History

Document Number		Description	Revision Date
260220	- Initial		Feb 20, 2026
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1. Connector

IDRO900ME-U7 is a built-in component that connects using the connector below, and can't be connected to a general antenna.

- RP-SMA(Reverse Polarity SMA)
- u,FL / I-PEX

2. Antenna Gain

IDRO900ME-U7 is used by connecting an antenna with maximum gain 8.65dBiC (=5.65dBi) or less.

3. PCB Design

IDRO900ME-U7 is SMD-type RFID Module that operates by surface mounted on customer's PCB. and RF output pattern from #12 ANT pin to the antenna feed have to match 50ohm impedance at a center frequency of 915MHz.

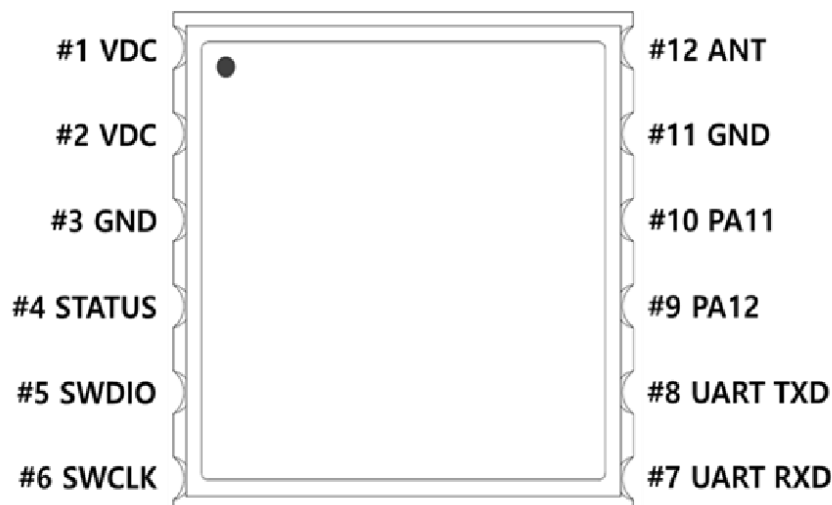


Figure 1. IDRO900ME-U7 Pin

4. Professional Install

IDRO900ME-U7 is sold only to OEMs and is intended for installation in industrial facilities such as factories. The antenna also requires special installation requirements, such as tower installation.

5. Caution

Any changes or modifications not approved by IDRO.,Ltd could void the user's authority to operate the equipment.

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