

# UR4 Fixed Reader

## QUICK GUIDE

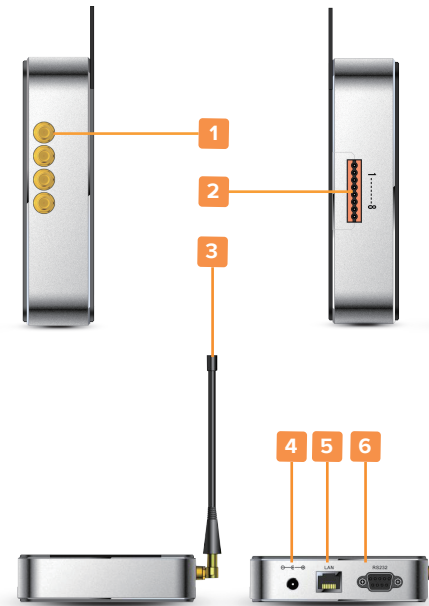


### 01 Physical Characteristics

Dimensions:	102.8mm(L) x 102.8mm(W) x 28mm(H)
Weight:	329g/11.6oz(without antenna)
Material:	Aluminium alloy
Input Voltage:	DC 9V – 12V
Standby Current:	<30mA
Work Current:	800mA +/-5% @ DC 12V Input
Comm Interface:	RS-232 / RJ45
GPIO:	1 channel input optical coupling;1 channel output optical coupling
Baud Rate:	115200 bps
Cooling Mode:	Air cooling

### 02 UHF

Engine:	CM2000-4 module based on Impinj Indy R2000
Protocol:	EPC C1 GEN2 / ISO18000-6C
Frequency:	865-868MHz/920-925MHz/902-928MHz
Output Power:	1W (30dBm, support +5~+30dBm adjustable)
Precision:	+/- 1dB
Flatness:	+/- 0.2dB
Receive Sensitivity:	< -88dBm
Reading Rate:	>700 tags/s
Antenna:	Supporting a variety of antennas, such as 6dBic, 9dBic
Antenna Port:	4 channel 50Ω SMA port



### 03 Interface Instruction

- |                           |                       |
|---------------------------|-----------------------|
| <b>1</b> SMA antenna port | <b>4</b> Power supply |
| <b>2</b> GPIO             | <b>5</b> Ethernet     |
| <b>3</b> Antenna          | <b>6</b> RS232        |