



Chainway UR4 is a high-performance four-channel fixed UHF reader. The core module adopts the Impinj E710 chip. With the high stability, excellent anti-electromagnetic interference capability, and better heat dissipation performance, the device fulfills the requirements for installation in various indoor & outdoor environments in diverse industries with strict RFID application standards such as warehouse management, archives, and library management, bank, clothing, and footwear retail, jewelry monitoring, watch industry, laundry, production line management, medical instrument cabinet, and vending machines.



## Specification

Physical Characteristics	
Dimensions	102.8 mm(L) x 102.8 mm(W) x 28 mm(H)
Weight	329 g /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	2 channel input optical coupling, 1channel output electric relay, 1channel output optical coupling (in reserve)
Baud Rate	115200 bps
Cooling Mode	Air cooling
Ethernet interface	10/100Base-TEthernet (RJ45)
Power	POE (802.3af 13W)(Optional) POE+(802.3at 25.5W) (Optional)
User Environment	
Operating Temp.	-13°Fto 149°F /-25 °C to 65 °C
Storage Temp.	-40°F to 185°F /-40 °C to 85 °C
Humidity	10%-95%
Developing Environment	
SDK	Windows, Linux, Android

UHF	
Engine	CM710-4module based on Impinj E710
Protocol	EPC global UHF Class 1Gen 2 /ISO 18000-6C
Frequency	865-868 MHz /920-925 MHz /902-928 MHz
Output Power	1W(30dBm, support +5~+30dBmadjustable) 2W Optional (33dBm, support +10~+33dBmadjustable, for Latin America, etc.)
Output Power Precision	+/-1dB
Output Power Flatness	+/-0.2dB
Receive Sensitivity	<-84dBm
Fastest Read Rate	900+tags/sec
RSSI	Supported
Ambient Temp Monitor	Supported
Antenna Detector	Supported
Antenna	Supporting a variety of antennas, such as 6dBic, 9dBic
Antenna Port	4 channel 50Ω SMA port

