

FR3100 (EN) –SPEC

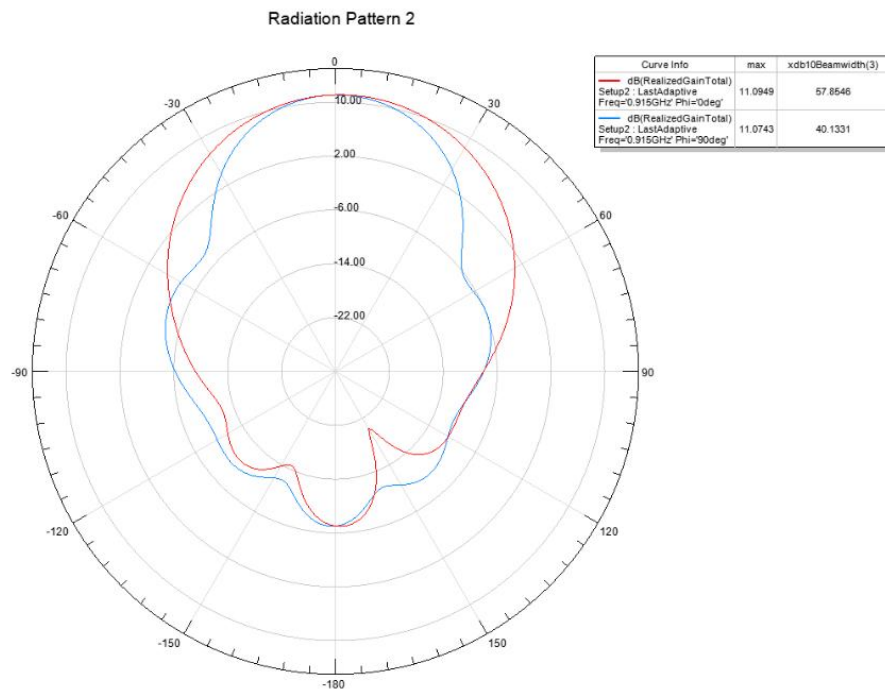
1. Specifications

Name	Specification parameters	notes
Master Chip	ARM-COTEXM3	
Air Interface Protocol	EPC global UHF ISO 18000-6C	
Operating Frequency	902~928MHz (Default frequency band 920~925MHz)	
Support Region	China	
working voltage	220V	
Working current	0.15A	
Standby current	<50mA	
output power	Software adjustable: step interval 1.0dB, +5dBm~30dBm	
Maximum receiving sensitivity	-82dBm	
operation temperature	-25℃~+65℃	
Working humidity	≤95% (+25℃)	
storage temperature	-30℃~+70℃	
RSSI	support	
High temperature automatic protection	support	
External watchdog	support	
Network disconnection alarm	support	
Disconnect and reconnect from the internet	support	
buzzer	support	
communication function	RS-485, RS232 serial port, Ethernet port, with Java programming interface (API), and the operating system supports localization.	

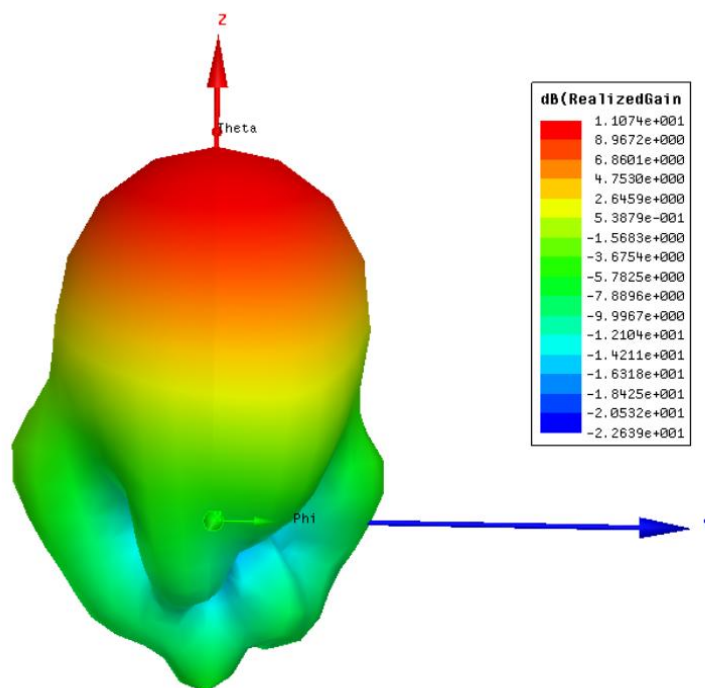
Online configuration, maintenance and other functions	Support real-time online Ethernet network and real-time response	
antenna interface	4*SMA-J	
Overall size (mm)	1464 * 420 * 40 (upper panel thickness 40mm, lower base thickness 104mm)	
frame material	aluminum alloy	
Base material	iron	
Panel material	Acrylic	
Panel fixing method	Magnetic/detachable	
Industrial computer (optional)		
system	Android/Windows	
screen size	10.1-inch LCD screen	
Display parameters	16: 9. Full perspective	
Hard disk	128GB(Windows/Android)	
interface	WIN10 operating system, 1 * Gigabit Ethernet port, 4 * USB interface, 2 * COM interface, Includes WiFi/Android 11 operating system, including WIFI.	

2.Antenna pattern

915MHz frequency point/2D:



915MHz frequency point/3D:



3、 Physical picture



4、 Dimensional drawing

