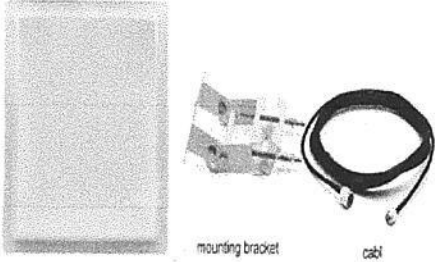
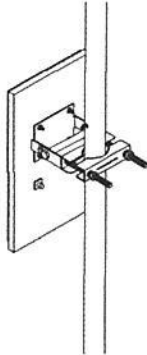
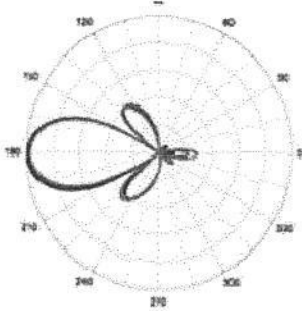
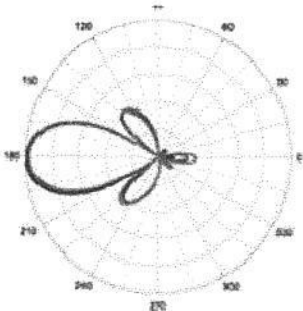


用途：公路管理，自动识别车辆不停车收费、门禁等智能管理化,人员管理及考勤、海关进出等，工地人员管理、物品，畜牧管理等各种场地和使用环境。

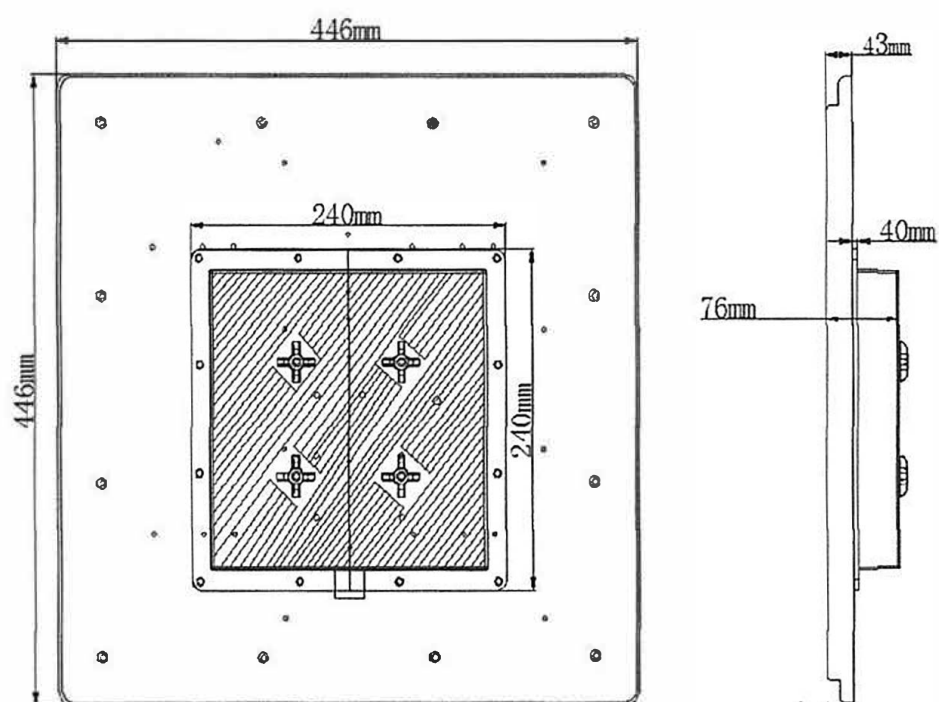
Application: Radio-frequency reader antenna, used for terminals, parking lots, shopping malls, toll station.

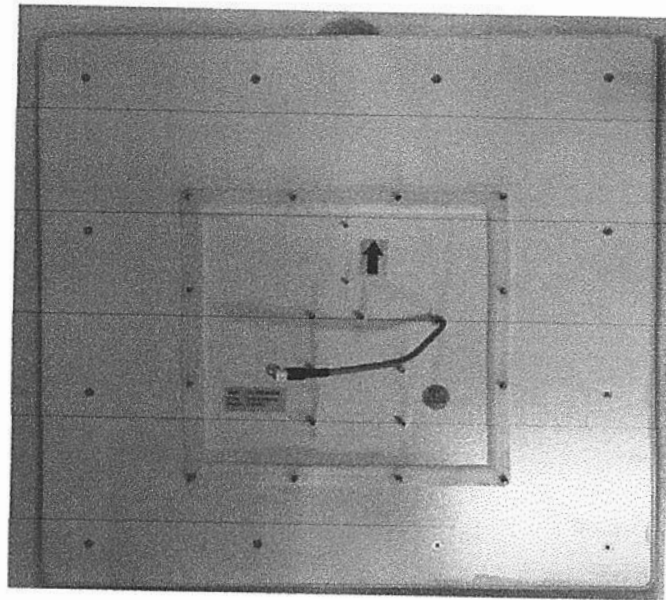
特点：外形美观，环境适应性好，安装方便快捷，读取速度精准 快捷 、数据安全性高、距离远。

可与读写模块做为一体式或分体式连接。防水等级：IP66 处理

电气指标: Electrical Specifications		产品图片
型号 (Model)	XYN-900XJH40-12D	
频率范围(FreqRange)	865~868 与 902~928MHz	
增益(Gain)	12dBi	
水平波瓣宽度(H-Beamwidth)	45° ±5°	
垂直波瓣宽度(V-Beamwidth)	40° ±3°	
极化方式(Polarization)	线极化	
前后比(F/B Ratio)	≥28dB	
驻波比(VSWR)	≤1.3:1	
阻抗(Impedance)	50 Ω	
最大功率(Max. Power)	100W	
接头型号(Connector)	N-K/可定制	
防雷保护(Lightning Protection)	DC grounding	
机械指标: Mechanical Specifications		安装示意图
尺寸(Dimension)	445*445*42mm	
重量 (Weight)	1.95kg	
天线罩颜色(Radome Color)	白色	
天线外罩材料(Radome material)	ABS	
抗风强度(Rated Wind Velocity)	120km/h	
反射板材料(Reflector material)	铝/AL	
工作温度(Operating temperaturec)	-40-70℃	
抱杆直径(Suitable pole diameter)	Φ 40~Φ 80	
H-Plane  V-Plane 		

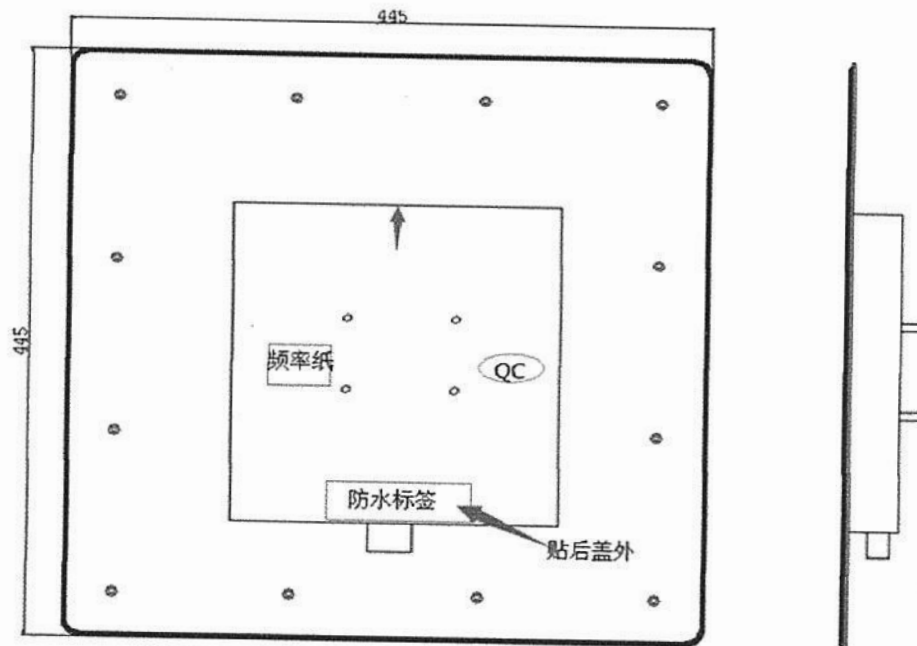
Antenna dimensions 天线外观尺寸图 3





Antenna packaging and labeling methods

天线包装与标签粘贴方式 5



MODEL: UHF1-10F		
Cable Definition		
Red	+12V	Power In
Black	GND	
Purple	Trigger Point	Active-low
Green	Wiegand D0	
White	Wiegand D1	Wiegand Out
USB Connector		
		PC Com

Antenna standing wave ratio test Figure 4-1

天线驻波比测试图 4-1

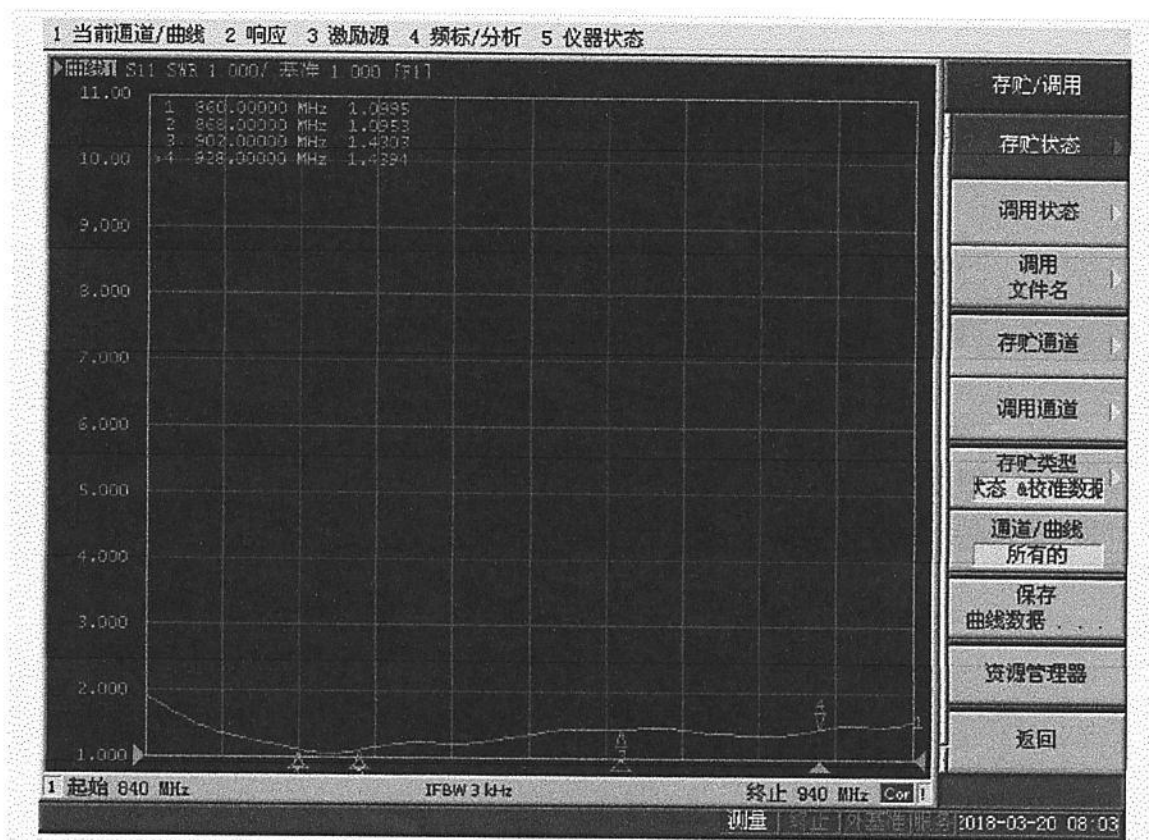
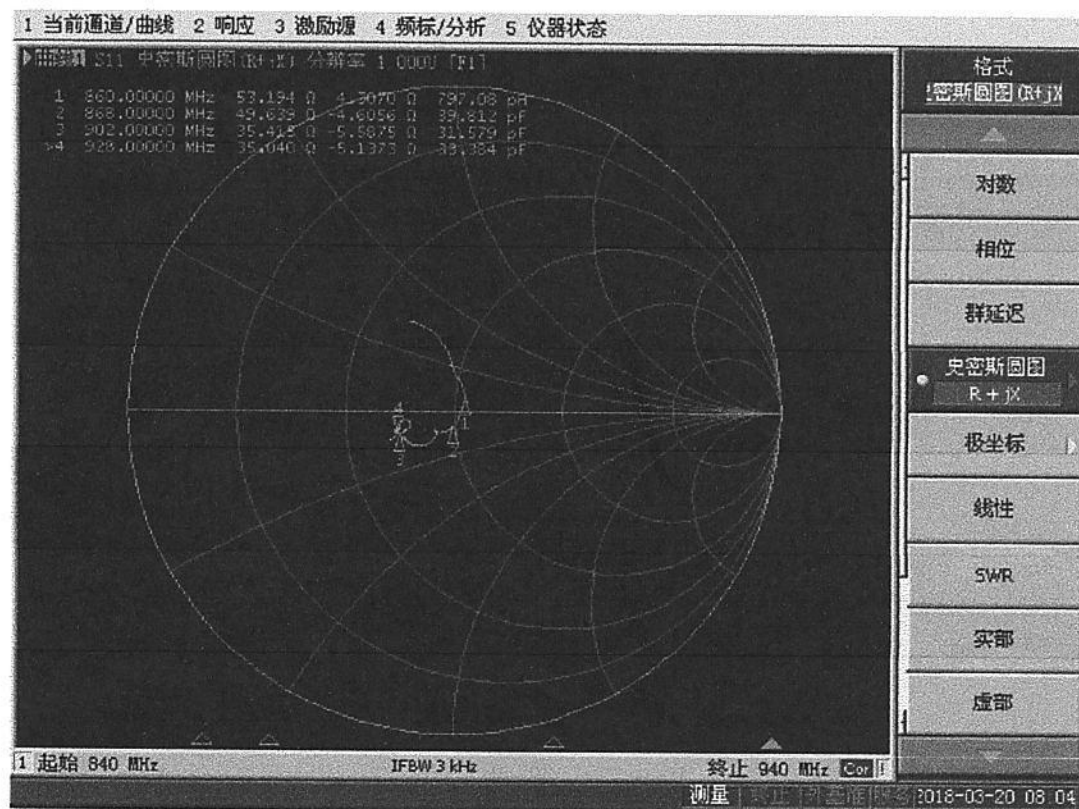


Figure 4-2 Antenna impedance

天线阻抗图 4-2



Antenna test reflection coefficient Fig-3

天线测试反射系数图-3

