

R9612 12dbi超高频一体机规格书

1. 产品图片/product picture



2.行业应用/Industrial Applications



物流运输
Logistics
transportation



生产制造
Manufacturing



设备巡检
Equipment
inspecting system



畜牧业管理
Animal husbandry
management



新零售管理
New retail
management



仓储管理
Warehouse
management



资产管理
Assets
management



车辆管理
Registration
of vehicles

3.描述/Description

产品型号 Model No.	R9612
电气参数 Electric parameter	
频率范围 (Frequency Range)	FCC:902~928MHz、ETSI:865~868MHz、GB:920~925MHz、JP:916~920MHz等等 (and so forth)
空口协议 (air interface protocol)	(EPC C1 GEN2) ISO18000-6C /6B等私有协议Equal private agreement
射频芯片 (RF chip)	Impinj E710或其它可选 (Impinj E710 or other optional)
RF输出功率(RF output power)	0-33dBm
接收灵敏度(receive sensitivity)	≥83dBm
以太网接口(Ethernet interface)	10M/100M自适应 (10M/100M adaptive)
RS-232接口波特率(Baud rate of the RS-232 interface)	9600、19200、115200 (默认/default) 、460800可选 (choosable)
设备供电(Power)	DC5V~24V
设备功耗(Power consumption)	最大值: 10W(RF输出功率33dBm)Max. : 10W(RF output power 33dBm)

读写距离(Reader Range)	0-20 米 (与发射功率、标签类型、使用环境、天线类型等因素有关) /0-20 meters (depends on transmit power, label type, use environment, antenna type, etc.)
天线增益Gain(dBi)	12dBi
通讯接口(Communication interface)	串口 RS-232/RS-485、网口 RJ45 等/Serial port RS-232/RS-485 and network port RJ45
I/O接口(I/O interface)	2 路光耦输入、2 路继电器输出 (驱动能力: 直流 30V/1A,交流 125V/0.75A)/2 optocoupler input, 2 relay output (driving capacity: DC 30V/1A, AC 125V/0.75A)
工作模式 (work pattern)	定频/跳频/Fixed frequency/frequency hopping
功能特点 (functional characteristics)	支持密集型读取、支持固件在线升级、支持 RSSI 信号强度感知/Support intensive reading, support firmware online upgrade, support RSSI signal strength perception

机械参数/Mechanical Specifications

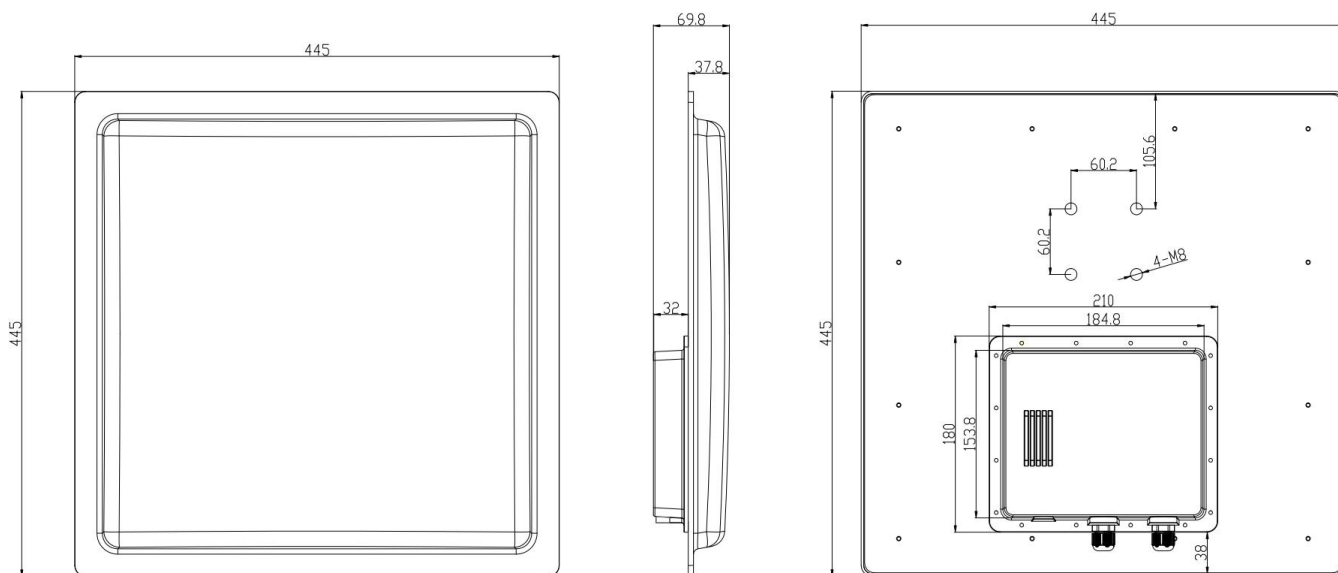
天线尺寸 (Dimension)	445*445*88mm
净重(Antenna weight)	5KG
天线罩材料(Radome material)	ABS/+铝合金(ABS+aluminium alloy)
天线罩颜色(Radome color)	白色(white)
防护等级(International Protection)	IP67
存储温度 (Storage Temperature)	-40 ~ 85°
工作温度(Operating temperature)	-20 ~ 75°C
工作湿度 (Operating humidity)	0%~95%RH 无冷凝/0% to 95%RH Non-condensing
抱杆直径(Mounting hardware)	Φ40-50mm

4.接口定义/interface definition



一体机线材外接线线序 The sequence of the external cable of the appliance cab		
	接头符号/Joint symbol	对应板子/Corresponding board
2PIN 端子(S-video)	+	485A
	-	485B
3PIN 端子(S-video)	D1	IN1
	地/GND	GND
	DO	IN2
4PIN 端子(S-video)	1	R1
	2	L1
	3	R2
	4	L2
RS232		
LAN		
DC5-24V		

5.产品尺寸图/Product size drawing



6.参考方向图/Reference pattern

