



SLK-S900

工业级大功率户外无线路
由器
产品手册

产品介绍:

slk-s900 是一款高性能的户外无线传输设备, 支持 IEEE 802.11b/g/n 和 802.11ac WiFi 标准。为户外客户提供稳定的无线覆盖, 享受高性能带宽服务。主要应用: 802.11g/n + 802.11a/n/ac 接入点, 点对多点大容量无线网桥, 无线客户端设备(CPE)。

产品特性:

- ✓ 高通 Atheros QCA9563 775MHZ MIPS 处理器+高通 Atheros QCA9882
- ✓ 128 mb 的系统内存
- ✓ 16 mb 或闪存
- ✓ 2.4G: 3x3 车载 2.4GHz 无线, 高达 450Mbps 物理数据速率
- ✓ 802.11b/g/n, 每条链最大 23dBm
- ✓ 5.8G: 高通 Atheros QCA9882, 5GHz 最大 27dBm 输出功率(每条链), 30dBm
- ✓ IEEE 802.11ac 兼容及向后兼容
- ✓ 802.11a/n 2x2 MIMO 技术, 最高可达 867Mbps
- ✓ 支持动态频率选择(DFS)

产品细节:

硬件 :

硬件	
CPU	Qualcomm Atheros QCA9563 775MHz+ Qualcomm Atheros QCA9882
闪存/RAM	16MB/128MB DDR2

无线性能:

2.4G:

无线	3x3 2.4GHz 802.11b/g/n, 每条链最多 23dBm
速率	3x3 车载 2.4GHz 无线电, 高达 450Mbps 物理数据速率
频率范围	2.412~2.472GHz
调制技术	OFDM: BPSK, QPSK, 16-QAM, 64-QAM

5.8G:

无线	5GHz 最大 27dBm 输出功率(每条链), 30dBm(总容量)
速率	2x2 MIMO 技术, 最高可达 867Mbps
频率范围	5.180 ~ 5.825 GHz
标准	IEEE 802.11ac 兼容及向后兼容 802.11 / n
调制技术	BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM

接口	
LAN 口	1 x1000 千兆以太网局域网 RJ45 端口与自动 MDI-X
POE	无源 PoE 24V (LV 版本) IEEE 802.3af/at 或无源 PoE 36~56V (HV 版本)
重置按钮	1x H/W 重置按钮
LED	MMZ/MMS/MPS 的 7x 个 LED 指示灯
能耗	18W, 总功耗
天线	2 倍 2.4G N 母接口
	2 倍 5.8G N 母接口

软件:

默认 IP	192.168.1.1
用户名	用户名:admin, 密码:Password
无线工作模式	AP, Client, Ad-Hoc, AP(WDS), Client(WDS), Static WDS

物理性质:

物理性质:	
工作温度	储存温度: (-40°C to 90°C)
	Operating Temperature: (-40°C to 70°C)
相对湿度	95%
大小	长*宽*高: 215mm x215mm x 65mm
重量	净重:1480 g
	包装重量:2.5 公斤
IP 等级	IP66

其他:

其他	
保修	2 年
包装	Seriallink WIFI 路由器,1.5m 长 RJ45 网线, 天线,POE 电源适配器

其他信息:

型号	
SLK-S900	

2.4G 射频性能表

	Data Rate	TX Power (per chain)	TX Power (2 chains)	Tolerance
5GHz 802.11a	6Mbps	27dBm	30dBm	±2dB
	9Mbps	27dBm	30dBm	±2dB
	12Mbps	27dBm	30dBm	±2dB
	18Mbps	27dBm	30dBm	±2dB
	24Mbps	27dBm	30dBm	±2dB
	36Mbps	25dBm	28dBm	±2dB
	48Mbps	24dBm	27dBm	±2dB
	54Mbps	23dBm	26dBm	±2dB
	MCS 0	26dBm	29dBm	±2dB
	MCS 1	25dBm	28dBm	±2dB
5GHz 802.11n/ac VHT20	MCS 2	25dBm	28dBm	±2dB
	MCS 3	24dBm	27dBm	±2dB
	MCS 4	24dBm	27dBm	±2dB
	MCS 5	23dBm	26dBm	±2dB
	MCS 6	22dBm	25dBm	±2dB
	MCS 7	21dBm	24dBm	±2dB
	MCS 8	20dBm	23dBm	±2dB
	MCS 0	26dBm	29dBm	±2dB
	MCS 1	25dBm	28dBm	±2dB
	MCS 2	25dBm	28dBm	±2dB
5GHz 802.11n/ac VHT40	MCS 3	24dBm	27dBm	±2dB
	MCS 4	24dBm	27dBm	±2dB
	MCS 5	23dBm	26dBm	±2dB
	MCS 6	22dBm	25dBm	±2dB
	MCS 7	21dBm	24dBm	±2dB
	MCS 8	20dBm	23dBm	±2dB
	MCS 9	19dBm	22dBm	±2dB
	MCS 0	26dBm	29dBm	±2dB
	MCS 1	25dBm	28dBm	±2dB
	MCS 2	25dBm	28dBm	±2dB
5GHz 802.11ac VHT80	MCS 3	24dBm	27dBm	±2dB
	MCS 4	24dBm	27dBm	±2dB
	MCS 5	23dBm	26dBm	±2dB
	MCS 6	22dBm	25dBm	±2dB
	MCS 7	21dBm	24dBm	±2dB
	MCS 8	20dBm	23dBm	±2dB
	MCS 9	19dBm	22dBm	±2dB
	MCS 0	26dBm	29dBm	±2dB
	MCS 1	25dBm	28dBm	±2dB
	MCS 2	25dBm	28dBm	±2dB

	Data Rate	TX Power (per chain)	TX Power (3 chains)	Tolerance
2.4GHz 802.11b	1Mbps	20dBm	25dBm	±2dB
	2Mbps	20dBm	25dBm	±2dB
	5.5Mbps	20dBm	25dBm	±2dB
	11Mbps	20dBm	25dBm	±2dB
2.4GHz 802.11g	6Mbps	23dBm	28dBm	±2dB
	9Mbps	23dBm	28dBm	±2dB
	12Mbps	23dBm	28dBm	±2dB
	18Mbps	23dBm	28dBm	±2dB
	24Mbps	23dBm	28dBm	±2dB
	36Mbps	21dBm	26dBm	±2dB
	48Mbps	19dBm	24dBm	±2dB
	54Mbps	18dBm	23dBm	±2dB
2.4GHz 802.11n HT20	MCS 0	22dBm	27dBm	±2dB
	MCS 1	21dBm	26dBm	±2dB
	MCS 2	21dBm	26dBm	±2dB
	MCS 3	21dBm	26dBm	±2dB
	MCS 4	20dBm	25dBm	±2dB
	MCS 5	19dBm	24dBm	±2dB
	MCS 6	18dBm	23dBm	±2dB
2.4GHz 802.11n HT40	MCS 7	17dBm	22dBm	±2dB
	MCS 0	22dBm	27dBm	±2dB
	MCS 1	21dBm	26dBm	±2dB
	MCS 2	21dBm	26dBm	±2dB
	MCS 3	21dBm	26dBm	±2dB
	MCS 4	20dBm	25dBm	±2dB
	MCS 5	19dBm	24dBm	±2dB
	MCS 6	18dBm	23dBm	±2dB
	MCS 7	17dBm	22dBm	±2dB
	MCS 0	22dBm	27dBm	±2dB

	Data Rate	RX Specifications Sensitivity	Tolerance
5GHz 802.11a	6Mbps	-94dBm	±2dB
	9Mbps	-94dBm	±2dB
	12Mbps	-94dBm	±2dB
	18Mbps	-92dBm	±2dB
	24Mbps	-89dBm	±2dB
	36Mbps	-86dBm	±2dB
	48Mbps	-82dBm	±2dB
	54Mbps	-80dBm	±2dB
	MCS 0	-94dBm	±2dB
	MCS 1	-94dBm	±2dB
5GHz 802.11n/ac VHT20	MCS 2	-92dBm	±2dB
	MCS 3	-88dBm	±2dB
	MCS 4	-84dBm	±2dB
	MCS 5	-81dBm	±2dB
	MCS 6	-78dBm	±2dB
	MCS 7	-77dBm	±2dB
	MCS 8	-74dBm	±2dB
	MCS 0	-94dBm	±2dB
	MCS 1	-94dBm	±2dB
	MCS 2	-92dBm	±2dB
5GHz 802.11n/ac VHT40	MCS 3	-88dBm	±2dB
	MCS 4	-84dBm	±2dB
	MCS 5	-81dBm	±2dB
	MCS 6	-78dBm	±2dB
	MCS 7	-77dBm	±2dB
	MCS 8	-73dBm	±2dB
	MCS 9	-71dBm	±2dB
	MCS 0	-89dBm	±2dB
	MCS 1	-88dBm	±2dB
	MCS 2	-85dBm	±2dB
5GHz 802.11ac VHT80	MCS 3	-81dBm	±2dB
	MCS 4	-79dBm	±2dB
	MCS 5	-75dBm	±2dB
	MCS 6	-74dBm	±2dB
	MCS 7	-72dBm	±2dB
	MCS 8	-70dBm	±2dB
	MCS 9	-68dBm	±2dB
	MCS 0	-89dBm	±2dB
	MCS 1	-88dBm	±2dB
	MCS 2	-85dBm	±2dB

	Data Rate	RX Specifications Sensitivity	Tolerance
2.4GHz 802.11b	1Mbps	-96dBm	±2dB
	2Mbps	-96dBm	±2dB
	5.5Mbps	-94dBm	±2dB
	11Mbps	-93dBm	±2dB
2.4GHz 802.11g	6Mbps	-96dBm	±2dB
	9Mbps	-96dBm	±2dB
	12Mbps	-96dBm	±2dB
	18Mbps	-94dBm	±2dB
	24Mbps	-93dBm	±2dB
	36Mbps	-91dBm	±2dB
	48Mbps	-87dBm	±2dB
	54Mbps	-86dBm	±2dB
2.4GHz 802.11n HT20	MCS 0	-95dBm	±2dB
	MCS 1	-94dBm	±2dB
	MCS 2	-92dBm	±2dB
	MCS 3	-88dBm	±2dB
	MCS 4	-83dBm	±2dB
	MCS 5	-80dBm	±2dB
	MCS 6	-77dBm	±2dB
2.4GHz 802.11n HT40	MCS 7	-74dBm	±2dB
	MCS 0	-93dBm	±2dB
	MCS 1	-92dBm	±2dB
	MCS 2	-87dBm	±2dB
	MCS 3	-84dBm	±2dB
	MCS 4	-81dBm	±2dB
	MCS 5	-77dBm	±2dB
	MCS 6	-75dBm	±2dB
	MCS 7	-74dBm	±2dB
	MCS 0	-93dBm	±2dB

5.8G 射频性能表

	Data Rate	TX Power (per chain)	TX Power (2 chains)	Tolerance
5GHz 802.11a	6Mbps	27dBm	30dBm	±2dB
	9Mbps	27dBm	30dBm	±2dB
	12Mbps	27dBm	30dBm	±2dB
	18Mbps	27dBm	30dBm	±2dB
	24Mbps	27dBm	30dBm	±2dB
	36Mbps	25dBm	28dBm	±2dB
	48Mbps	24dBm	27dBm	±2dB
	54Mbps	23dBm	26dBm	±2dB
5GHz 802.11n/ac VHT20	MCS 0	26dBm	29dBm	±2dB
	MCS 1	25dBm	28dBm	±2dB
	MCS 2	25dBm	28dBm	±2dB
	MCS 3	24dBm	27dBm	±2dB
	MCS 4	24dBm	27dBm	±2dB
	MCS 5	23dBm	26dBm	±2dB
	MCS 6	22dBm	25dBm	±2dB
	MCS 7	21dBm	24dBm	±2dB
5GHz 802.11n/ac VHT40	MCS 8	20dBm	23dBm	±2dB
	MCS 0	26dBm	29dBm	±2dB
	MCS 1	25dBm	28dBm	±2dB
	MCS 2	25dBm	28dBm	±2dB
	MCS 3	24dBm	27dBm	±2dB
	MCS 4	24dBm	27dBm	±2dB
	MCS 5	23dBm	26dBm	±2dB
	MCS 6	22dBm	25dBm	±2dB
5GHz 802.11ac VHT80	MCS 7	21dBm	24dBm	±2dB
	MCS 8	20dBm	23dBm	±2dB
	MCS 9	19dBm	22dBm	±2dB
	MCS 0	26dBm	29dBm	±2dB
	MCS 1	25dBm	28dBm	±2dB
	MCS 2	25dBm	28dBm	±2dB
	MCS 3	24dBm	27dBm	±2dB
	MCS 4	24dBm	27dBm	±2dB

	Data Rate	RX Specifications Sensitivity	Tolerance
5GHz 802.11a	6Mbps	-94dBm	±2dB
	9Mbps	-94dBm	±2dB
	12Mbps	-94dBm	±2dB
	18Mbps	-92dBm	±2dB
	24Mbps	-89dBm	±2dB
	36Mbps	-86dBm	±2dB
	48Mbps	-82dBm	±2dB
	54Mbps	-80dBm	±2dB
5GHz 802.11n/ac VHT20	MCS 0	-94dBm	±2dB
	MCS 1	-94dBm	±2dB
	MCS 2	-92dBm	±2dB
	MCS 3	-88dBm	±2dB
	MCS 4	-84dBm	±2dB
	MCS 5	-81dBm	±2dB
	MCS 6	-78dBm	±2dB
	MCS 7	-77dBm	±2dB
5GHz 802.11n/ac VHT40	MCS 8	-74dBm	±2dB
	MCS 0	-94dBm	±2dB
	MCS 1	-94dBm	±2dB
	MCS 2	-92dBm	±2dB
	MCS 3	-88dBm	±2dB
	MCS 4	-84dBm	±2dB
	MCS 5	-81dBm	±2dB
	MCS 6	-78dBm	±2dB
5GHz 802.11ac VHT80	MCS 7	-77dBm	±2dB
	MCS 8	-73dBm	±2dB
	MCS 9	-71dBm	±2dB
	MCS 0	-89dBm	±2dB
	MCS 1	-88dBm	±2dB
	MCS 2	-85dBm	±2dB
	MCS 3	-81dBm	±2dB
	MCS 4	-79dBm	±2dB

感谢您对 SERIALLINK 产品的支持!

如果您对我们的产品有任何疑问, 请访问我们的网站:www.seriallink.net