

Ampak Module brief introduction

接口	Module P/N	Module Size (MM)	Broadcom Chipset	WIFI实测吞吐量 Mbps	信道带宽 MHZ	WIFI version			BT 4.0/1	FM RX	GPS	NFC	WINDOWS SUPPORT
						802.11ac	802.11a	802.11 b/g/n	BT4.0 BLE				
SDIO 2.0&3.0 (WIFI) + UART (BT, GPS, FM) + I2C (NFC)	AP6181	12*12	BCM43362	36Mbps	HT20			●					
	AP6210	12*12	43362+ 20710	36Mbps	HT20			●	●				
	AP6212	12*12	43438	36Mbps	HT20/40			●	●	●			
	AP6383	12*12	4330F	36Mbps	HT20			●	●	●			●
	AP6330	12*12	4330X	36Mbps	HT20		●	●	●	●			●
	AP6493	12*12	4330F+ 20793	36Mbps	HT20			●	●	●		●	
	AP6476	12*12	43362+ 20710	36Mbps	HT20			●	●	●	●		
	AP6441	12*12	43341	60-70Mbps	HT20/40		●	●	●	●		●	
	AP6234	12*12	43340	60-70Mbps	HT20/40		●	●	●				●
	AP6335	12*12	4339	100-150Mbps	HT20/40/80	●	●	●	●	●			●
	AP62X2 (2T2R)	13*15	43241	100Mbps	HT20/40		●	●	●	●			●
AP6354 (2T2R)	13*15	4354	>300Mbps	HT/20/40 /80/160	●	●	●	●	●			●	
USB (2X2)	AP6242 (2T2R)	27*18	43242	150Mbps	HT20/40		●	●	●				
	AP6242MB	80*30	43242	150Mbps	HT20/40			●	●				
	AP6269LV (2T2R)	27*18	43569	433Mbps	HT20/40/80	●	●	●	●				
	AP6269MB	80*30	43569	433Mbps	HT20/40/80	●	●	●	●				



Feature:

1. 模块均采用邮票孔形式，易设计，易生产，易焊接调试
2. 所有SIZE为12mm*12mm大小模块，都是PIN-TO-PIN兼容，只需要一版硬件设计，和一版软件即可更换不同
3. 所有SIZE为13mm*15mm大小模块，都是PIN-TO-PIN兼容，只需要一版硬件设计，和一版软件即可更换不同
4. WIFI支持WIFI Direct，Miracast, AP/STATION
5. Bluetooth可实现BT4.1/BT4.0(BLE)，及向下BT3.0/2.1+EDR/2.0兼容
6. GPS可同时支持GPS，GLONASS两种模式，将来也会同时兼容北斗三种模式
7. NFC采用Android系统自带的NFC stack
8. 支持WINDOW驱动

意天电子有限公司/Contact: Justin 13922871423