

Operation Description

The equipment under test is a POS SYSTEM. The EUT will operate from DC 24V.
 The device will automatically discontinue transmission in cases of absence of information to transmit, or operational failure.
 For more detail information pls. refer to the user manual.

The main IC functions as follows.

Product Name	:	POS SYSTEM
Model Name	:	S1A01, S1A02, S1A03, S1A01-X, S1A02-X, S1A03-X ("X" can be represented 1~9)
Specification	:	802.11b/g/n HT20 BDR+EDR+BLE 802.11a/n HT20/HT40/ac20/ac40/ac80
Operation Frequency	:	2412-2462MHz for 802.11b/g/ n(HT20) 2402-2480MHz for Bluetooth 5G Wifi:5150-5250 MHz 5.8G Wifi:5725MHz~5850MHz
Number of Channel	:	79 channels for BDR+EDR 40 channels for DTS 11 channels for 802.11b/g/n HT20 4 channels for 802.11a/n20/ac20 5150-5250 MHz 5 channels for 802.11a/n20/ac20 5725MHz~5850MHz 2 channels for 802.11n40/ac40 5150-5250 MHz 2 channels for 802.11n40/ac40 5725MHz~5850MHz 1 channels for 802.11 ac80
Type of Modulation	:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n/a/ac GFSK, Π/4-DQPSK,8DPSK For DSS GFSK, For DTS
Antenna installation	:	IFA antenna
Antenna Gain	:	WIFI 2.4G: 1.2 dBi 5G WiFi Band 1:2.37dBi; 5G WiFi Band 4: 3.74dBi
Power supply	:	Adapter: K65S240250E1 Input: AC 100-240V~50/60Hz 1.8A Output: DC 24V=2.5A 60W
Hardware Version	:	N/A

Software Version	:	N/A
crystal oscillator	:	37.4MHz Other: 26MHz
module chip	:	WIFI 2.4G, WIFI 5G, Bluetooth: AP6256 MCU: RK3288