

SNMP-BA505

Features:

CPU	ARM Cortex-A8 32bit
System Clock	1GHz
Flash Memory	512M Byte
SDRAM	512M Byte
USB Disk	16G Byte
LED	5
Watch Dog	Yes
USB Port	2
Environment Port	Yes
Real Time Clock	Yes
OLED Display	Yes
LAN Interface	10M/100M/1000M UTP
Ethernet Throughput	3M Byte per seconds
Ethernet Latency	0.2 milliseconds



Power Specification

AC-to-DC Adapter

ITEM	Minimum	Maximum
AC Input Voltage	90V AC	264V AC
AC Input Frequency	47Hz	63Hz
AC Input Current		250mA
Efficiency		
Output Voltage	9VDC±5%	
Output Current		2A

NetAgent A

ITEM	Minimum	Maximum
DC Input Voltage	+5.3V	+40V
DC Input Current		10W Maximum

Signal Specification

Receiver Inputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Input Voltage Range		-25V		+25 V
Input Threshold Low	TA = +25°C	+0.6V	+1.2V	
Input Threshold High	TA = +25°C		+1.5V	+2.4V
Input Hysteresis			0.3 V	
Input Resistance	TA = +25°C	3 k ohm	5 k ohm	7k ohm

Transmitter Outputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Output Voltage Swing	All transmitter outputs loaded with 3k ohm □□ to ground	±5.0V	±5.4V	
Output Resistance	TA = +25°C	300	10M	
Output Short-Circuit Current			±35 mA	±60 mA

USB Port A

Parameter	Description
Output Power	Maximum 500mA
USB Function	Universal Serial Bus Specification Rev. 2.0
Data Transfer	Supports data transfer at High-speed(480Mbit/sec), Full-speed(12Mbit/sec) and Low-speed (1.5Mbit/s)

USB Port B

Parameter	Description
Output Power	Maximum 500mA
USB Function	Universal Serial Bus Specification Rev. 2.0
Data Transfer	Supports data transfer at High-speed(480Mbit/sec), Full-speed(12Mbit/sec) and Low-speed (1.5Mbit/s)

4. Environment Specification

PARAMETER	CONDITIONS	Minimum	Maximum
Operating Temperature		0 °C	60 °C
Storage Temperature		-40 °C	125 °C
Operating Humidity	Non-Condensing	10% RH	90% RH
Storage Humidity	Non-Condensing	5% RH	95% RH

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FCC Class B, CE