1. General Specification

CPU   ARM Cortex-A8 32bit
System Clock   600MHz
Flash Memory   128M Byte
SDRAM   128M Byte
LED   6
Watch Dog   Yes
Modem Port   No
Environment Port   No
Real Time Clock   Yes
LCD Display   No

LAN Interface   10M/100M/1000M UTP
Ethernet Throughput 3M Byte per seconds
Ethernet Latency   0.2 milliseconds

2. Power Specification

AC-to-DC Adapter

ITEM	Minimum	Maximum
AC Input Voltage	100V AC	240V AC
AC Input Frequency	50Hz	60Hz
AC Input Current		250mA
Efficiency	60%	
Output Voltage	5.035VDC	5.565VDC
Output Current		1000mA

NetAgentA Mini

ITEM	Minimum	Maximum
DC Input Voltage	+5V	+7V
DC Input Current		400mA

3. 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

4. Environment Specification

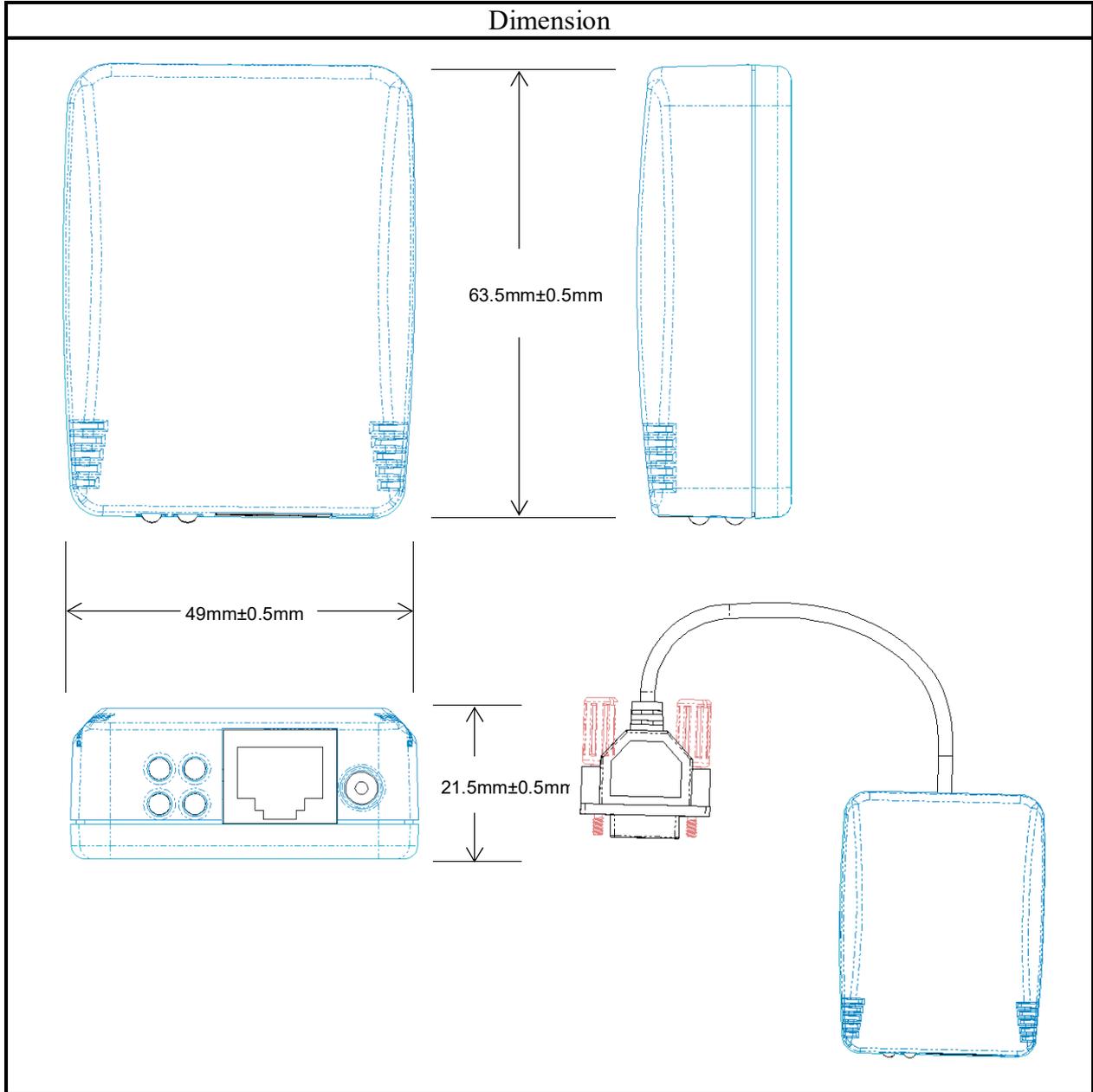| PARAMETER	CONDITIONS	Minimum	Maximum
Operating Temperature		0 °C	60 °C
Storage Temperature		-40 °C	85 °C
Operating Humidity	Non-Condensing	10% RH	90% RH
Storage Humidity	Non-Condensing	5% RH	95% RH

EMI
FCC Class B, CE

5. Dimension and Outlook

The whole package includes the following items.

A. NetAgent9Mini External

Dimension	63.5mm(L) x 49mm(W) x 21.5mm(H) (Not includes DB9 cable)
Weight	67g±2g
Connector	DB9 Male with 15cm±1cm cable

Dimension

63.5mm±0.5mm

49mm±0.5mm

21.5mm±0.5mm

Outlook

Top view

Bottom view