NA300 Z-Wave Bridge



User Guide

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Chapter 1 Introduction



This Chapter provides an overview of the Z-Wave Bridge's features and capabilities.

Congratulations on the purchase of your new Z-Wave Bridge. The Z-Wave Bridge is a consumer electronic device, which is used for home monitoring and security.

Package Contents

The following items should be included:

- The Z-Wave Bridge Unit
- Power Adapter
- Batteries

If any of the above items are damaged or missing, please contact your dealer immediately.

Specfication

- DDR2 SDRAM 64MB
- NAND 32MB Flash
- One Ethernet port with RJ45 connectors.
- Z-Wave Function
- One USB 2.0 ports
- Add button
- Remove button
- Reset button
- One Internal antennae

Chapter 2 Board Description

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This Chapter provides board description for the Z-Wave Bridge.

Components and connectors



- 1. USB type A connector
- 2. LAN port
- 3. Push buttons
- 4. Console port
- 5. LEDs
- 6. DC power jack

Console port connection guide

For platform debugging, please locate the console cable accompanied with the development kit. Then follow the steps illustrated below:



Platform debugging cable

Pin definition



1. Connect cable to console port



2. Execute minicom on Linux host machine



3. Press Ctrl+A then Z to enter minicom configuration

	root@localhost:~	
<u>File Edit y</u>	íew Jerminal Ta <u>b</u> s <u>H</u> elp	
Welcome to	Minicom Command Summary	
Compiled on Port /dev/t	Commands can be called by CTRL-A <key></key>	
	Main Functions Other Functions	
	Dialing directoryD run script (60)6 [Clear ScreenC Send files	
CTRL-A Z f	or help 115200 8E1 NOR Minicom 2.2 VT102 Offline	

4. Set Comm port to baud rate 57600, 8 data bits, no parity bits, and one stop bit.

File Edit View Termin	al Help							
Fue Fac Tien Jennin	an Ticib							
Welcome to minicom 2.3								
OPTI+	+[Conn	Parameters]		**				
Comp A - Serial De				1 1				
Port B - Lockfile Loc	Current: 5	7600 8N1		1 1				
C - Callin Pro	Speed	Parity	Data	i i				
D - Callout Pro	A: <next></next>	L: None	S: 5	1 1				
E - Bps/Par/B	B: <prev></prev>	M: Even	T: 6	i i				
F - Hardware Flo	C: 9600	N: Odd	U: 7	i i				
G - Software Flo	D: 38400	0: Mark	V: 8	i i				
	E: 115200	P: Space		i i				
Change which				i i				
+	Stopbits							
Screen a	W: 1	0: 8-N-1						
Save set	X: 2	R: 7-E-1		i				
Save set				i				
Exit								
	Choice or sEn	ters to exit?						
control, of samely to exit								
CTRL-A Z for help 5	7688 8N1 NOR	Minicon 2.3	L VT1	182 Offline				

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Chapter 3 FCC STATEMENT

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -Reorient or relocate the receiving antenna.
- -Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.