



Application Note

Network Scan Mode

Version 1.0

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1 INTRODUCTION

1.1 Network Scan Mode

You can use "Network Scan Mode" to check if ezTCP is appropriate for some network environment – ex) heavy traffic network.

1.2 Apply

It needs to judge that using ezTCP, especially support only 10Mbps Ethernet is suitable for the network in today heavy traffic network. The ezTCP which operates in "Network Scan Mode" diagnoses the suitability of using products in heavy traffic network environment. The below are products which support a "Network Scan Mode".

- EZL-200L

2 USE

2.1 Before use

2.1.1 Limitations

- For EZL-200L, this feature is available on 1.2A or subsequently released firmware.
- If ezTCP operates in "Network Scan Mode", it is stopped all original communication functions of ezTCP.

2.2 How to use

2.2.1 Initiate Network Scan Mode

- Power on ezTCP, after connect LAN cable to ezTCP.
- Press the function button in short period of time (between 20ms and 1 second).
- You can see that "STS LED" blinks twice or three times per one second.

2.2.2 Network Scan Mode

Refer to the below table for checking the suitability of ezTCP.

Suitability	STS LED Operation
Good	Blink twice per one second
Bad	Blink three times per one second

2.2.3 Check the traffic

You can check the traffic value from the serial port[115,200bps, 8 data-bits, 1 stop-bit, parity None] of ezTCP.



"Current" means the current traffic value and "Max" represents the maximum traffic value after "Network Scan Mode" started.

3 Revision History

Date	Version	Comments
19. Feb. 2009	1.0	Initial Release

