.œ ¢¼ Ä V1.24Å

RG-NPE 3G

5.17

©2000-2012

1

[illegible] http://www.ruijie.com.cn/ [illegible]

[illegible]

[illegible] http://webchat.ruijie.com.cn[illegible]

[illegible]

[illegible] http://www.ruijie.com.cn/service.aspx [illegible]

[illegible]

7h 24 [illegible] 4[illegible] 4008-111-000

[illegible] http://support.ruijie.com.cn

[illegible] service@ruijie.com.cn

-(£tÉ

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

XÈ@§ RG-NPExxx 3+G5 10 jÈ@§ NPExxx 3+G5Ä

B4ïB5ž¿tV,ý-jÈ69iÈJ.

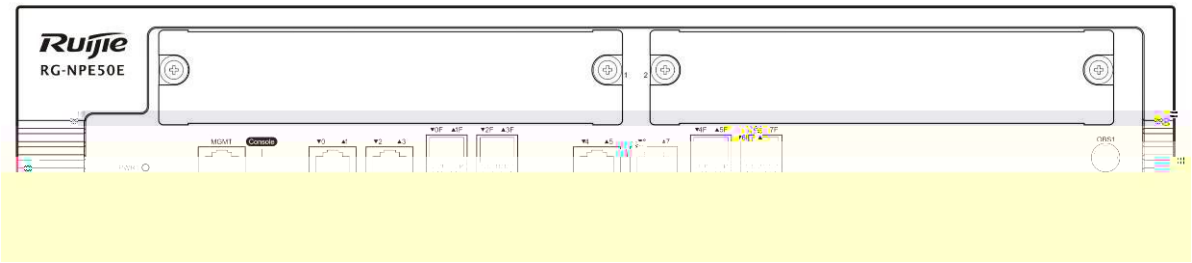
AÏ+aÏ+e"D)Ã 456FÕLu65žzÄ5P¼CJÊ

F65ž Ä

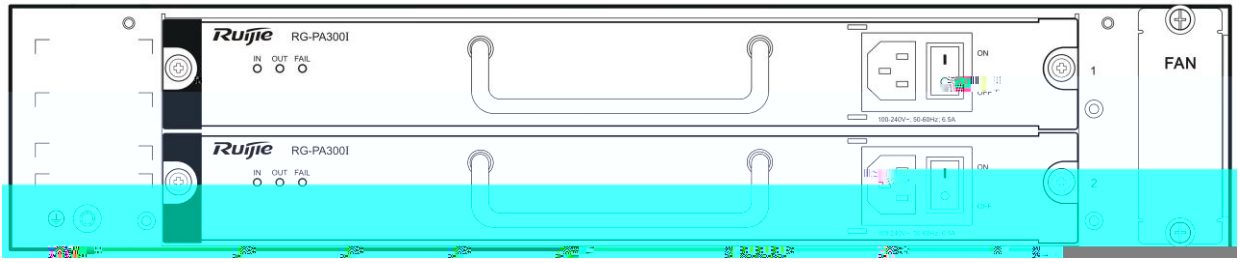
1 ý

1.1.2 ®© NPE50E 5£

1.1.2.1 ®© NPE50E 5£ ®



. 1-3 ®© NPE50E 5£ ¾M¯



. 1-4 ®© NPE50E 5£ ¾M¯

1.1.2.2 ®© NPE50E 5£ G5ž

®© NPE50E ,G5žÖ

N©	¥
Ø	DDR2 SdramÖ 4GB
	NorFlashÖ 8MB
	NandFlash Ö 512MB

I/O Aƒž svZ5Ö

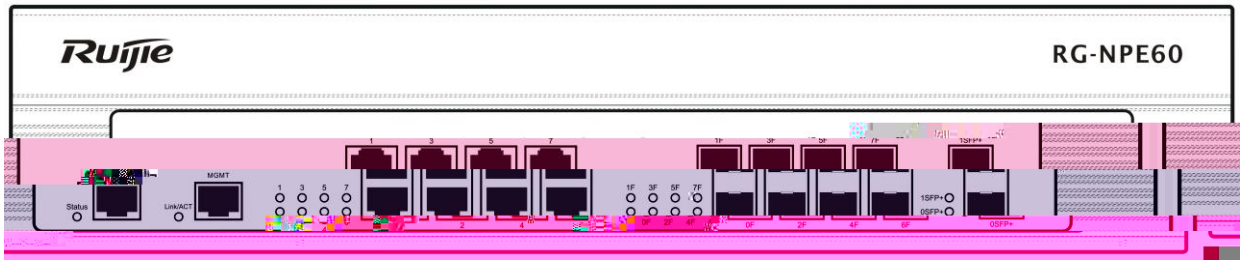
1 8)y+e≠X1Ÿ1wF⊢ WAN/LAN 7È
1 0/1Ã 0/3Ã 0/5Ã 0/7 UAÔ WAN È 0/0Ã 0/2Ã
0

BYPASS	BYPASSÖ 1 0/0-0/1, 0/2-0/3 BYPASS BYPASS y BYPASSÖ BYPASS
0	1 2 Z RG-PA300I
'	N
	Ö 10Base-T/100Base-TX/1000Base-TX, 1000BASE-SX/LX/ZX

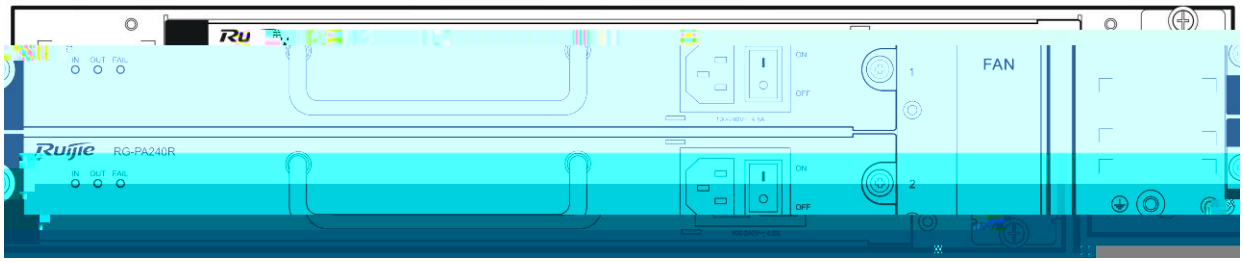
	[illegible]
SD	[illegible]
USB	[illegible]
1[illegible] Link 7[illegible]	link [illegible]
1[illegible] ACT 7[illegible]	9[illegible]
0-7 [illegible]	[illegible] ® /[illegible]
0F-7F sy7 [illegible]	link[illegible]
OBS0,OBS1 y BYPASS 7[illegible]	[illegible]

1.1.3 [illegible] NPE60 5£

1.1.3.1 [illegible] NPE60 5£ [illegible]



. 1-5 [illegible] NPE60 5£ [illegible]



. 1-6 [illegible] NPE60 5£ [illegible]

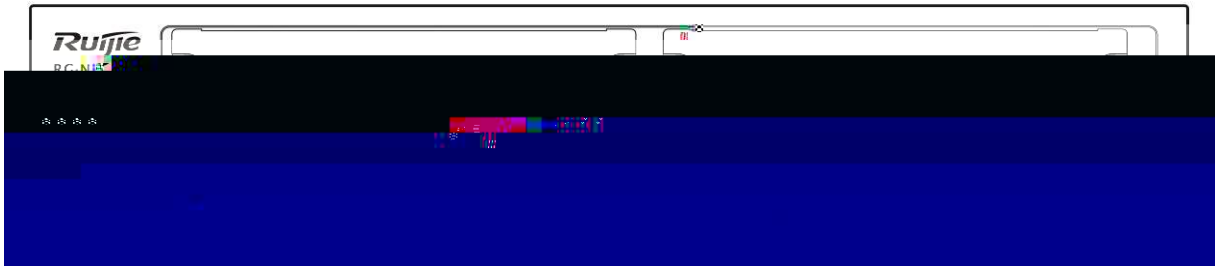
1.1.3.2 [illegible] NPE60 5£ [illegible]

[illegible] NPE60 ,[illegible]

N©	[illegible]
[illegible]	DDR2 SDRAM[illegible] 2GB
	BOOTROM[illegible] 2MB
	FLASH [illegible] 512MB

1.1.4 [illegible] NPE60E [illegible]

1.1.4.1 [illegible] NPE60E [illegible]



. 1-7

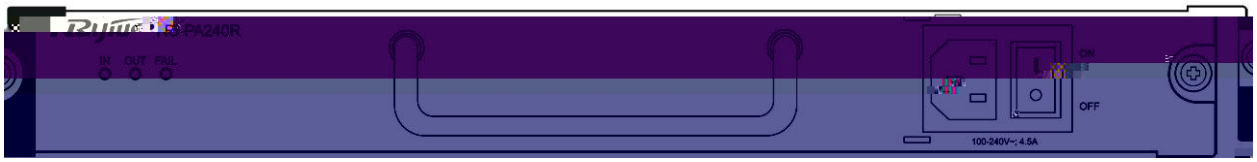
	SD 1 P
BYPASS	BYPASSÖ 1 0/0-0/1, 0/2-0/3 8Ø BYPASS BYPASS y BYPASSÖ BYPASS
0	1 2 Z RG-PA300I
'	N
	Ö 10Base-T/100Base-TX/1000Base-TX, 1000BASE-SX/LX/ZXÈ 10G BASE-SX/LX
	Ä RS-232
(W h Hh D)	440mmh 88.1mmh 420mm
	100-240V~;50-60Hz
	¾ 100W

FAN	[illegible]
SD	[illegible]
USB	[illegible]
1[illegible] Link 7[illegible]	link [illegible]
1[illegible] ACT 7[illegible]	9[illegible]
0-7 [illegible]	[illegible]
0F-7F [illegible]	link[illegible]
OBS0,OBS1 y BYPASS 7[illegible]	[illegible]
0SFP+ 1SFP+ 7 [illegible]	58[illegible] Link 58[illegible] ACT [illegible] Link

1.2 [illegible]

1.2.1 RG-PA240R [illegible]

1.2.1.1 [illegible]



. 1-9 RG-PA240R +e[illegible]

7/jB$	[illegible]
IN	E[illegible] 5/8¢ hÞ E[illegible]h Ö [illegible]
OUT	E[illegible] Ö [illegible] 5/8[illegible]Þ E[illegible]hÖ [illegible]
FAIL	+e[illegible] Ö [illegible] +e[illegible]h Ö 4[illegible]Þ

1.2.1.2 [illegible]

[illegible]	[illegible]
[illegible]	100-240V~; 50-60Hz; 4.5A

12V

1.3.1 ÅÞ

ÊÖ NPE 3+G5£ F2+X@J,55)ÊÅÞÖ

ë4ï RJ45 ÊZ5ÅÃ ARP ÅÞ

55r:1 TCP/IP ÅÞ27ÊÊ IPÃ ICMPÃ IGMPÃ TCP ¼ UDPÃyÅÞ

1J/ý IP :,ÊD+aÅÊ RIP(V1/V2)È OSPF 1y

155516ÅÞ SNMP

1 TELNET

1 DHCP 1y

1 PPPoE

12ÊEÃÞ X-MODEM w4×ê

1 NAT

11ÊÞD+a

1 VRRP

1 L2TPÈ PPTP ÅÞ

1 TFTP

1.3.2 ÊÛ

ë6ÊMÈ5ÊÊwë4ïX4ÊÑ

ÊXÊ)4G-9B4ïÊÊÊ'úLÈÊÅ Ä

8 web +M7½ CLI G5ÊMÈ-ÊX@È5ÊÊWÄ

1.3.3 ÅÊÊÊ

ë¼B3BDDZÊ DEBUG 7ÊÊ/55uLÄ

ÊÊÅÃë/jÊ7-ÊXg)55,W7-ÊÊ10-ÊÄ

1J/ý,G5ÊÊ

FJE÷Console FÊ5ž

FJE÷TELNET ,G5ž

FJE÷TFTP Ã} 5ž

1.3.4 8ÊÊ

G+X¼bÊ IP 5E%ÊÊ55pÃFÅÊwFÊÅÄ

PPP ÅÊ¾ PAP ¼ CHAP ÅÄ

1 MAC p5ÊÄ

55p6+B° NAT

1.3.5 [illegible]

G+XK@8k.D,[illegible] DPI E[illegible] P2P [illegible] IM[illegible]

1J[illegible] 600 J/[illegible]

5•5[illegible] 24[illegible]

[illegible] /-,´ IP [illegible]

[illegible] Session [illegible]

1[illegible] IP [illegible] IP [illegible]

A[illegible] Session G[illegible]

14[illegible] IP 4[illegible] P2P [illegible]

,[illegible]

1.3.6 [illegible]

5•5[illegible] 24[illegible]

[illegible] /-,´ IP [illegible]

[illegible] Session [illegible]

1[illegible]

1[illegible]

1.3.7 [illegible]

12[illegible] X-MODEM [illegible] (² Windows 95Ã Windows NTÃ UNIXÃ DOS 1y);FJE÷ Console ;E[illegible]

1FJE÷ TFTP [illegible]

1 BOOTROM X4[illegible]

18[illegible] FJE÷ web F[illegible]

1.3.8 [illegible]

1[illegible] 1Å

[illegible] [illegible] 2[illegible]

[illegible]

[illegible] BYPASS[illegible] Ý Ä

2 5£ [illegible]

2.1 [illegible]©

[illegible]

X 5£ [illegible]

,1 d`° z B9=?± A7 n5X9"d,[illegible] A7 Ä

B6 A7 n5XF/[illegible]

z B:ÂÔ A7 ,hÃ

B+XgX[illegible]0;kÃ

X

2.2.1 [illegible]

[illegible]

[illegible]		[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]
15 ~30	0 ~45	40%~65%	10%~90%

2.2.2 [illegible]

[illegible]

2.2.3 [redacted]

[redacted] A7 F [redacted]

[redacted]e4[redacted]+e1yF+|+ej)[redacted]

[redacted]1y[redacted]3+5Ä

[redacted]bM%[redacted],´d[redacted]

A7[redacted]

[redacted]bH

1F2,[redacted]

)[redacted]Xg[redacted]+eD[redacted]

[redacted] A7 +eD[redacted]LbM%[redacted]70[redacted]LbM%[redacted]

6[redacted]+eD[redacted]M:n5[redacted]%[redacted],[redacted]En+e.[redacted]

[redacted]E[redacted] 5£ +eD[redacted]+X[redacted]+eD,[redacted]FE[redacted]HF[redacted]FX{[redacted]+eD[redacted]

:,[redacted]

2.2.4 [redacted]

[redacted]

)[redacted]e3+5G[redacted]x,[redacted]b+e5[redacted] SGz

5£ [redacted]

5Ö

M0

LbM%e7…

FÕe565Ö

+e4ï

G54ï

Z54ï

Ôï

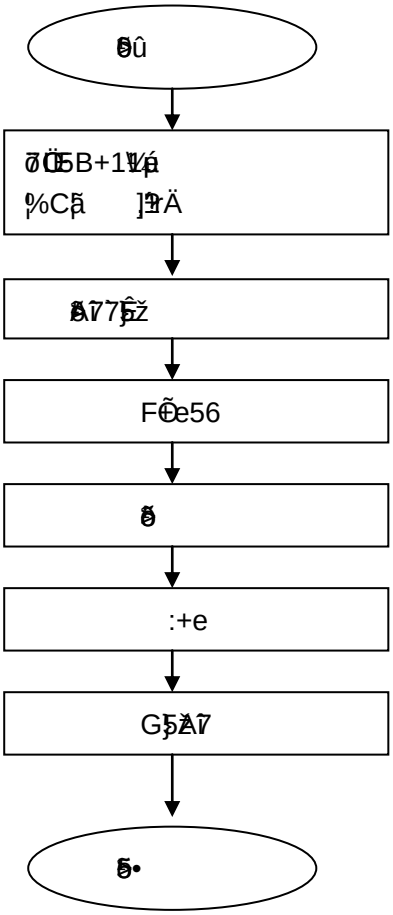
-(A75Ö

HUB

3 5£ ÕÕ

3.1 5£ ÕÕ

[illegible] 5£ [illegible]



3.2 Ê 5£ ÕÕ

ÕÕ AÕ 7ÕÕ Ê AÕÄ [illegible] 5£ Ê [illegible] 5£ [illegible]

ÕÕ

ÕÕ

3.2.1 ÕÕ

[illegible] 5£ [illegible] 5£ [illegible]

3.2.2 [illegible]

[illegible]7È [illegible] 6<6 [illegible] A7 [illegible]È.
[illegible]Ö

A[illegible]cW[illegible]
[illegible]XLj[illegible] [illegible]5£ [illegible] A7 [illegible]‰ 10cm [illegible]
[illegible] A7 :Mh5[illegible]

3.3 [illegible]

[illegible] NPE 3+G5£ [illegible] 63 [illegible]7B[illegible] 101 [illegible] Ö

100-240~; 50-60Hz

B[illegible]

5£ [illegible]94[illegible]X9[illegible]94[illegible]FJ[illegible]
[illegible]
[illegible]

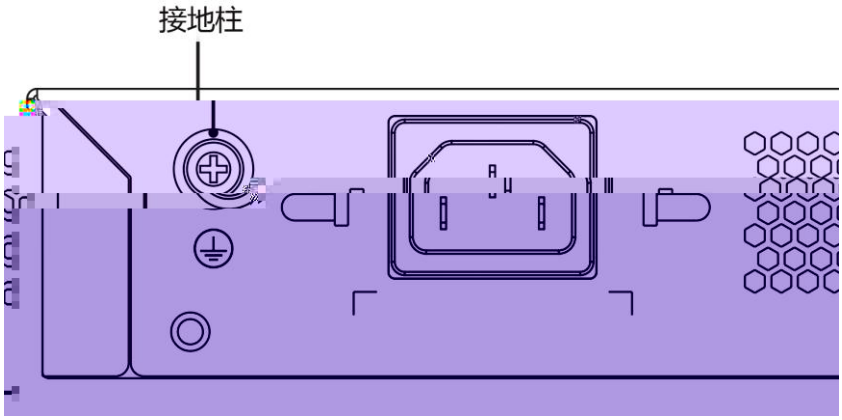
B9[illegible]

10[illegible] 5£ Lj[illegible]01` 5£ j1[illegible]
1[illegible] :Ä

1[illegible] 5£ [illegible]

3.4 [illegible] [illegible] Õ

[illegible]
[illegible] NPE3[illegible] [illegible] ‰ 1[illegible] 3-2Ä



. 3-2 NPE3[illegible]

3.5 [illegible]

[illegible] EIA/TIA-232 [illegible] ConsoleÈJEÊZ [illegible] WEB [illegible] [illegible]

×f [illegible]

ò	B$
[illegible]	RJ-45
[illegible]	2 EIA/TIA-232
[illegible]	1 9600bps [illegible] 57600bps È 115200bps
1 [illegible]	1. [illegible] 2. [illegible] 3. [illegible]

[illegible] ×f [illegible]

[illegible] ×f [illegible]) [illegible] DB-9 [illegible]

3.6 [illegible]

[illegible]

9 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

4 _ [illegible]

4.1 [illegible]

4.1.1 [illegible]

X [illegible] Console [illegible] F[illegible]

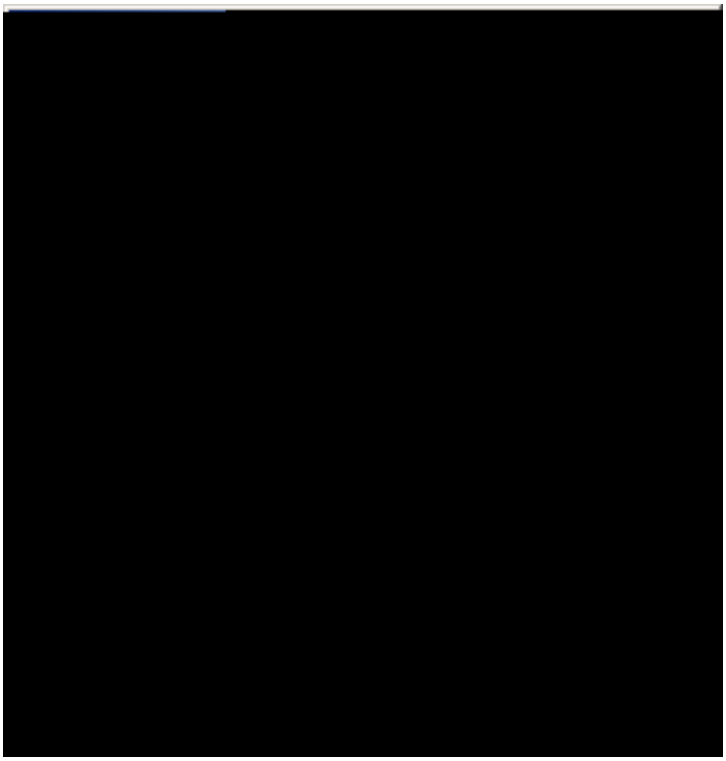
1[illegible]p/j[illegible]01V4[illegible]F65[illegible]bFJE7[illegible] RS232 4[illegible]56 ¼ [illegible] ,´ Console [illegible] F[illegible]

FJE÷Console [illegible]

1[illegible],FJA[illegible]+X[illegible]M0[illegible]/-O0;[illegible] Windows [illegible] Hyperterm(C[illegible])1y[illegible] Console F[illegible]JA[illegible] 9600 [illegible] 8 [illegible] 1 [illegible]F94[illegible]/-O2[illegible] VT100[illegible] .,´ Windows ,C[illegible],A[illegible]MÄ

[illegible]

F9¼ 5£ ,´ Console F0þ



A5½,FJA6

F94ø/-O2※

[illegible] 5£ F}+eÄ

4.1.2 5£ [illegible]

4.1.2.1 [illegible]

[illegible] 5£ [illegible]

+e[illegible]FÕ!ž

Ëe+e» 5£ ,[illegible]V08$

G[illegible]56FÕ[illegible]5[illegible]XÞF4[illegible]V"4[illegible]A5¾

4.1.2.2 5£ [illegible]

[illegible] 5£ Ëe+e[illegible]£

[illegible] 5£ +e[illegible] 5£ +e[illegible]5¾ ON}ž

4.1.2.3

5£ e

FJNß+5Vh

:+eÄNwEÓ4N X 5£ ,FJNßtFÄO?

0ªD,ß Ä

5£ M:,7/jß/jVh

B631 01×ÄÿÄ7/jB98² Ä

G5ß4ßVn/jh

5£ :+e4ß:Jn/j 5£ Eß@1yÄ

4.1.3 ß9;

5£ 10ß 2k ; 8@ Ö

Ø 5£ ÞÄ

4.2 Ø 5£

Ä 5£ ÈÙÞ 5£ Þ5Ä¼ 5£ Þ5Ö
Ä3-Ç5Ä03 Ä