

SATA  
POWER



networks

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# 1

RG-ACE

RG-ACE

## 1.1 RG-ACE2000E V2.X

	RG-ACE2000E V2.X																																																		
	DDR3 SDRAM 4GB																																																		
	BOOTROM 8MB																																																		
	FLASH 512MB																																																		
	SATA 500G																																																		
I/O	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">8</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">4</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">0/MGMT</td> </tr> <tr> <td>0/1</td> <td>0/2</td> <td>0/3</td> <td style="text-align: center;">LAN</td> <td>0/4</td> <td>0/5</td> <td>0/6</td> <td>0/7</td> <td style="text-align: center;">WAN</td> <td style="text-align: right;">4</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">7</td> <td colspan="3" style="text-align: center;">WAN/LAN</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="3" style="text-align: center;">10/100/1000M</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="3" style="text-align: center;">1000BASE-SX/LX/ZX mini GBIC</td> <td></td> <td></td> <td style="text-align: center;">GE-SFP-LX20/LH40-BIDI</td> <td></td> </tr> </table>				8		4				0/MGMT	0/1	0/2	0/3	LAN	0/4	0/5	0/6	0/7	WAN	4			7	WAN/LAN										10/100/1000M										1000BASE-SX/LX/ZX mini GBIC					GE-SFP-LX20/LH40-BIDI	
				8		4				0/MGMT																																									
	0/1	0/2	0/3	LAN	0/4	0/5	0/6	0/7	WAN	4																																									
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	1 0/MGMT																																																		
	1																																																		

BYPASS

RG-ACE2000E V2.X

ACE

BYPASS  
ACE    BYPASS

ACE

BYPASS

VLAN

1-1 RG-ACE2000E V2.X



1-2 RG-ACE2000E V2.X

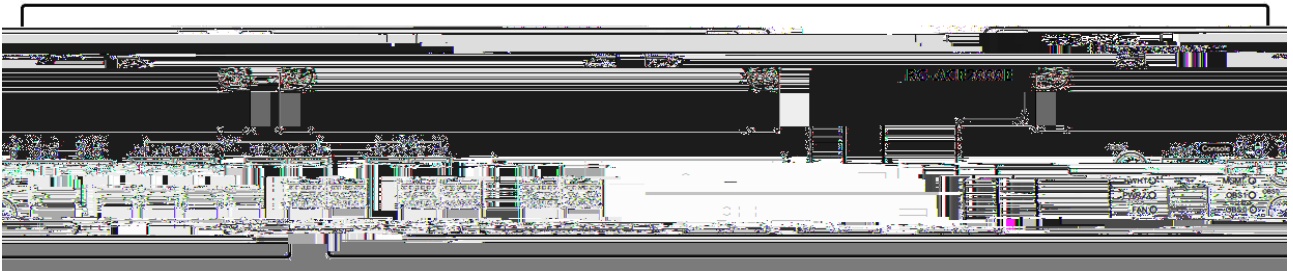


PWR0		0 0 0
PWR1		1 1 1
SYS		
SATA0		0 0
SATA1		1 1
0/0-0/7	link/ACT	/ / Link
0/0-0/7	speed	/
4F-7F		link
OBS0,OBS1	BYPASS	

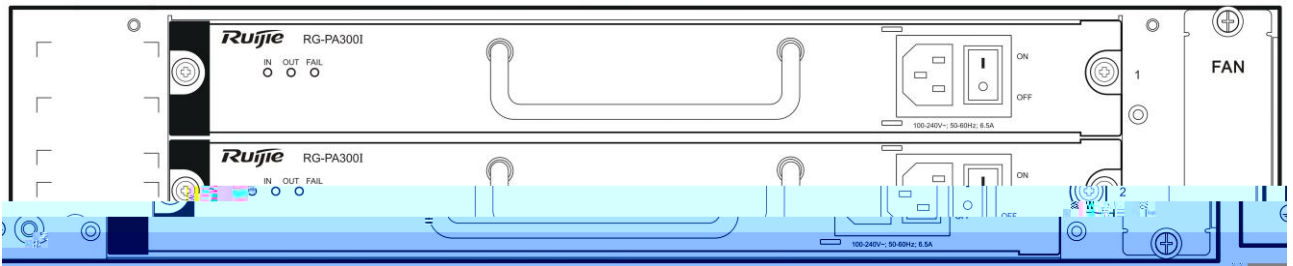
## 1.2 RG-ACE2000E V3.X

	RG-ACE2000E V3.X											
	DDR3 SDRAM 16GB											
	BOOTROM 8MB											
	FLASH 512MB											
	SATA 500G											
I/O			8						WAN/LAN		0/1 0/3	
	0/5	0/7	WAN		0/0	0/2	0/4	0/6	LAN			
	10/100/1000M											
	1000BASE-SX/LX/ZX mini GBIC					GE-SFP-LX20/LH40-BIDI						
			4		2		0/0, 0/1, 0/2, 0/3				3	
			0/4, 0/5, 0/6, 0/7		XG-SFP-SR-MM850				XG-SFP-LR-SM1310			
	XG-SFP-ER-SM1550											
	1		10/100M/1000M									
	1											
	USB		2									
BYPASS			BYPASS		0/0-0/1				0/2-0/3		BYPASS	
	BYPASS											
	BYPASS											
	2		RG-PA300I		2							
	2				1		SATA					

1-3 RG-ACE2000E V3.X



1-4 RG-ACE2000E V3.X

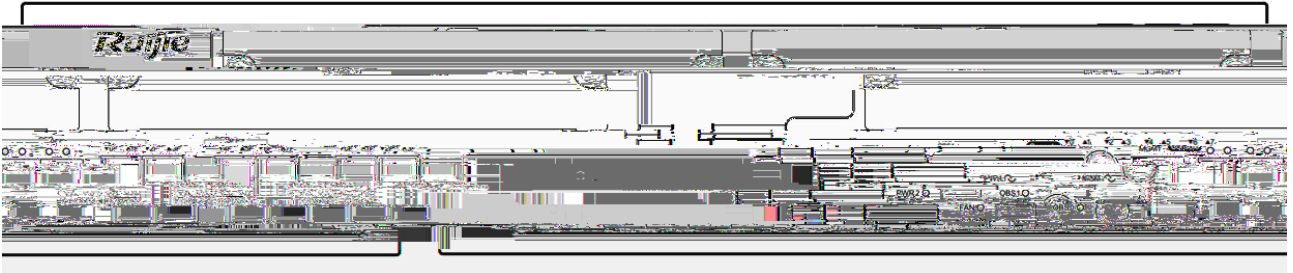


PWR1 PWR2	
SYS	
FAN	
SATA	
Link	link
ACT	
0-7	LINK / LINK
0F-7F	link
OBS0 OBS1 BYPASS	

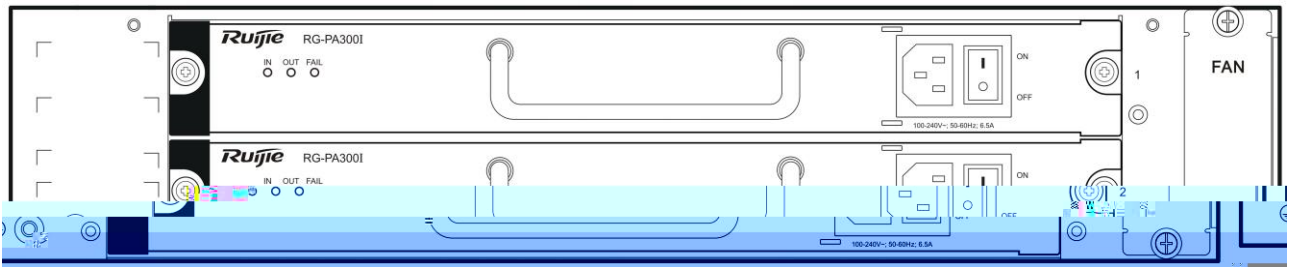
### 1.3 RG-ACE3000E

	RG-ACE3000E
	DDR3 SDRAM 16GB
	BOOTROM 8MB
	FLASH 512MB
	SATA 500G
I/O	<p>8 WAN/LAN 0/1 0/3</p> <p>0/5 0/7 WAN 0/0 0/2 0/4 0/6 LAN</p> <p>10/100/1000M</p> <p>1000BASE-SX/LX/ZX mini GBIC GE-SFP-LX20/LH40-BIDI</p> <p>4 2 0/0, 0/1, 0/2, 0/3 3</p> <p>0/4, 0/5, 0/6, 0/7 XG-SFP-SR-MM850 XG-SFP-LR-SM1310</p> <p>XG-SFP-ER-SM1550</p> <p>1 10/100M/1000M</p> <p>1</p> <p>USB 2</p>
BYPASS	<p>BYPASS 0/0-0/1 0/2-0/3 BYPASS</p> <p>BYPASS</p> <p>BYPASS</p>
	2 RG-PA300I 2
	2 1 SATA
	10Base-T/100Base-TX/1000Base-TX 1000BASE-SX/LX/ZX

1-5 RG-ACE3000E



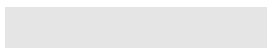
1-6 RG-ACE3000E



PWR1 PWR2	
SYS	
FAN	
SATA	
Link	link
ACT	

0-7 LINK / LINK

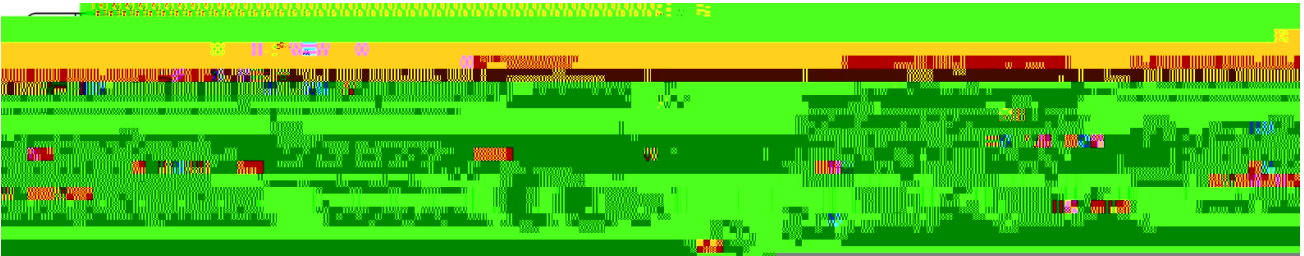
## 1.4 RG-ACE5000E



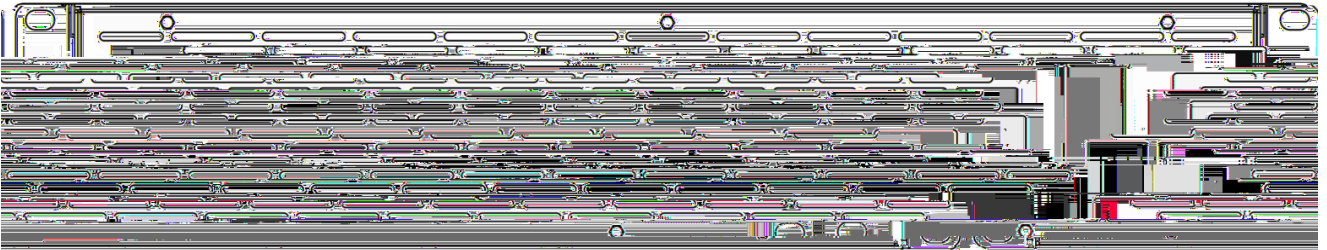
BYPASS

EXT3

1-7 RG-ACE5000E



1-8 RG-ACE5000E



Δf33β1R,R320EεB02R0B0NVS

PWR	AC 0.5Hz 1Hz 0.5Hz

SYS

	/
0-7 0-7 0-1 40G	link
OBS    BYPASS	

## 1.5

### 1.5.1 RG-PA300I

1-9 RG-PA300I



RG-PA300I

RG-ACE2000E V3.X

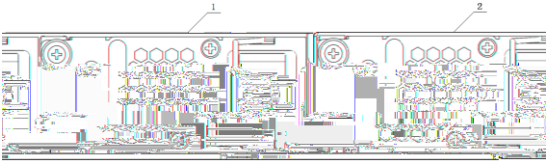
RG-ACE3000E

IN	
OUT	
FAIL	


### 1.5.2 RG-M5000E-AC60

1-10 RG-M5000E-AC60

(2 )



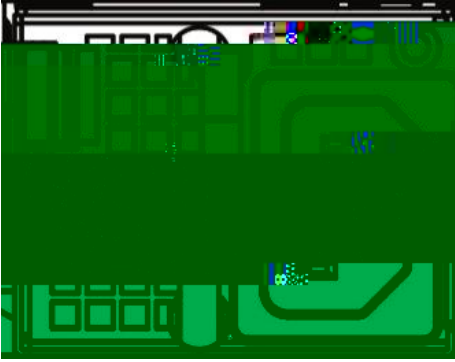
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RG-M5000E-AC60

RG-ACE2000E V2.X

---

	AC



RG- YM-2301EDR

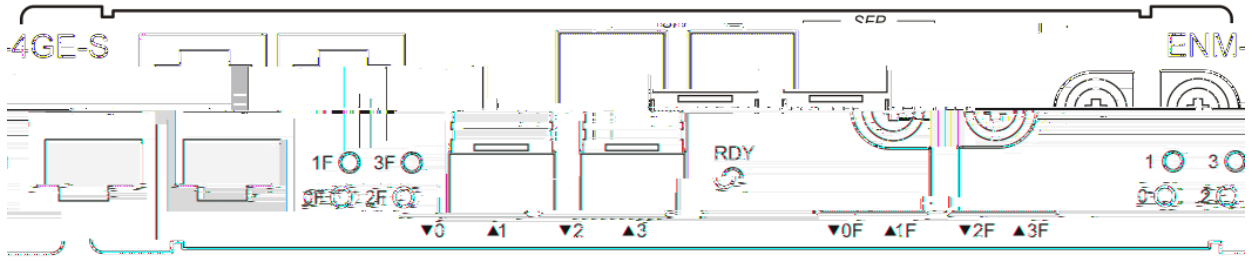
RG-ACE5000E

PWR	AC 0.5Hz 1Hz 0.5Hz

	100-240V~ 50-60Hz 5~3A
	12V 24A 5Vsb 3A
	300W
N+1	

### 1.5.4 ENM-4GE-S

1-12 ENM-4GE-S



ENM-4GE-S

RG-ACE2000E V3.X

RG-ACE3000E

## 2

### 2.1

UPS

**2.2.1 /**

" "

15 ~30	0 ~45	40%~65%	10%~90%
		1.5m	0.4m
	48	15	
			5

---

**2.2.2**

	0.5	1	3	5
	1.4×10 <sup>7</sup>	7×10 <sup>5</sup>	2.4×10 <sup>5</sup>	1.3×10 <sup>5</sup>

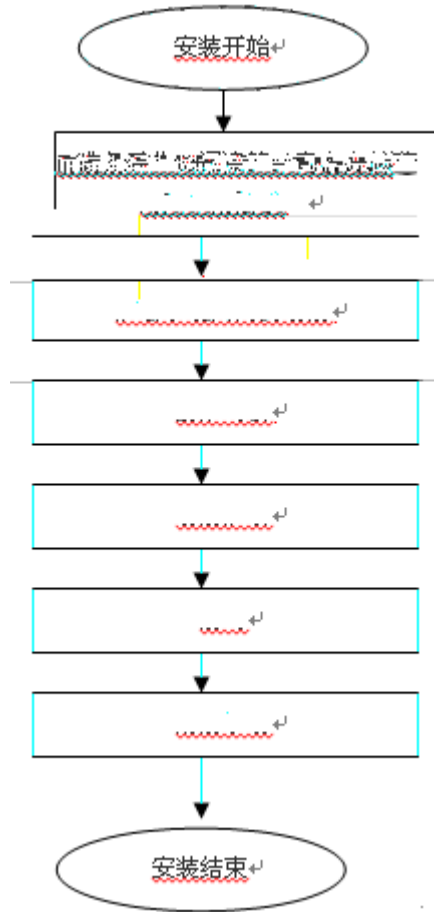
	mg/m <sup>3</sup>	mg/m <sup>3</sup>
	0.2	1.5
	0	0.03
	0.04	0.15
	0.05	0.15
	0.01	0.3

**2.2.3**



### 3

#### 3.1



#### 3.2



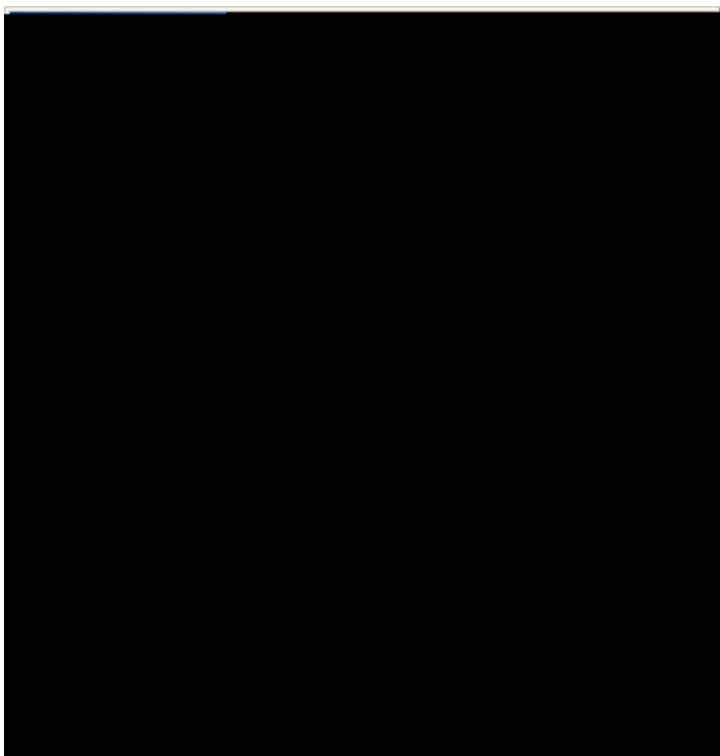
## 3.6

## 4

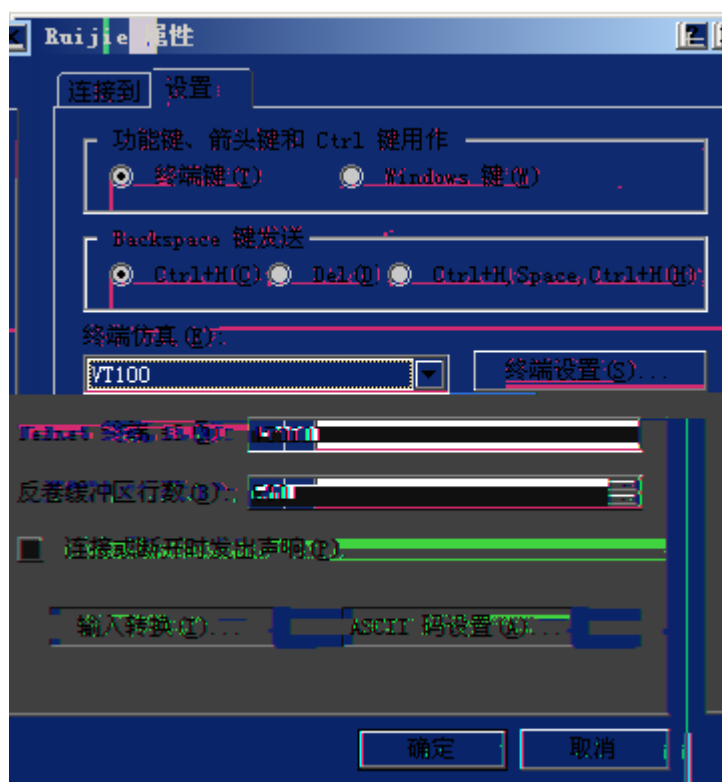
### 4.1 Console

Console

4-3



4-4



## 4.2

---

---

" ON"

" "

```
*****
Boot 1.2.17-00441-g0c1ac26 (Build time: May 20 2015 - 18:29:47)

DRAM: 16 GiB
NAND: 512 MiB
Flash: 8 MiB
SETMAC: Setmac operation was performed at 2015-05-22 16:15:00 (version: 11.0)
Press Ctrl+C to enter Boot Menu
Creating 1 MTD partitions on "nand0":
0x000000800000-0x000004000000 : "mtd=1"
UBI: attaching mtd2 to ubi0
UBI: physical eraseblock size: 131072 bytes (128 KiB)
UBI: logical eraseblock size: 129024 bytes
UBI: smallest flash I/O unit: 2048
UBI: sub-page size: 512
UBI: VID header offset: 512 (aligned 512)
```

```
UBI: data offset:          2048
UBI: attached mtd2 to ubi0
UBI: MTD device name:     "mtd=1"
UBI: MTD device size:     56 MiB
UBI: number of good PEBs:  448
UBI: number of bad PEBs:   0
UBI: max. allowed volumes: 128
UBI: wear-leveling threshold: 4096
UBI: number of internal volumes: 1
UBI: number of user volumes: 1
UBI: available PEBs:      691
```

## 4.3

## 5

### 5.1

RG-ACE

PWR

---

PWR

---

### 5.2

9600

8

1

VT100

#