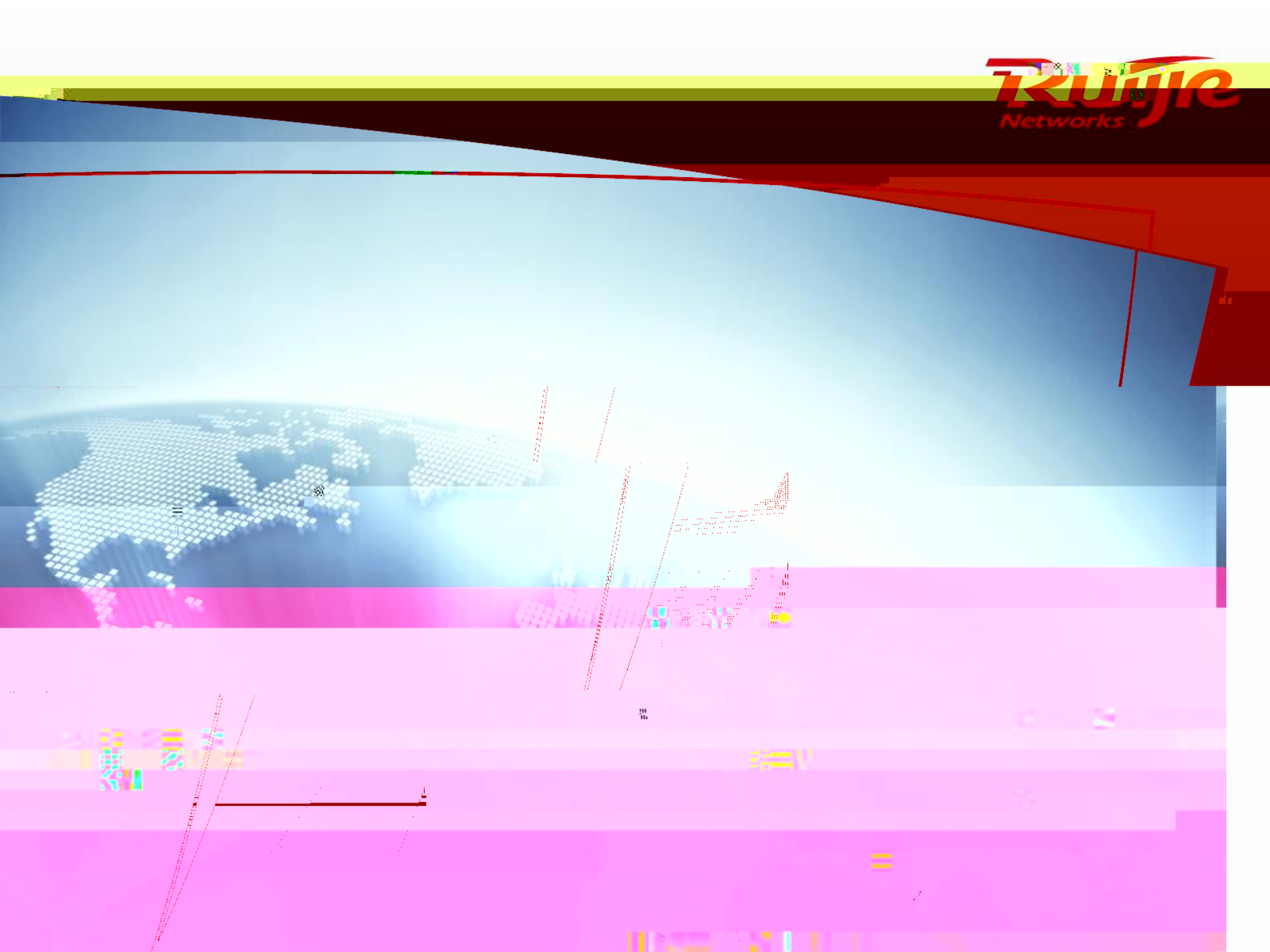


RSR30-X-SPU10

RSR30-X-SPU10 V1.5

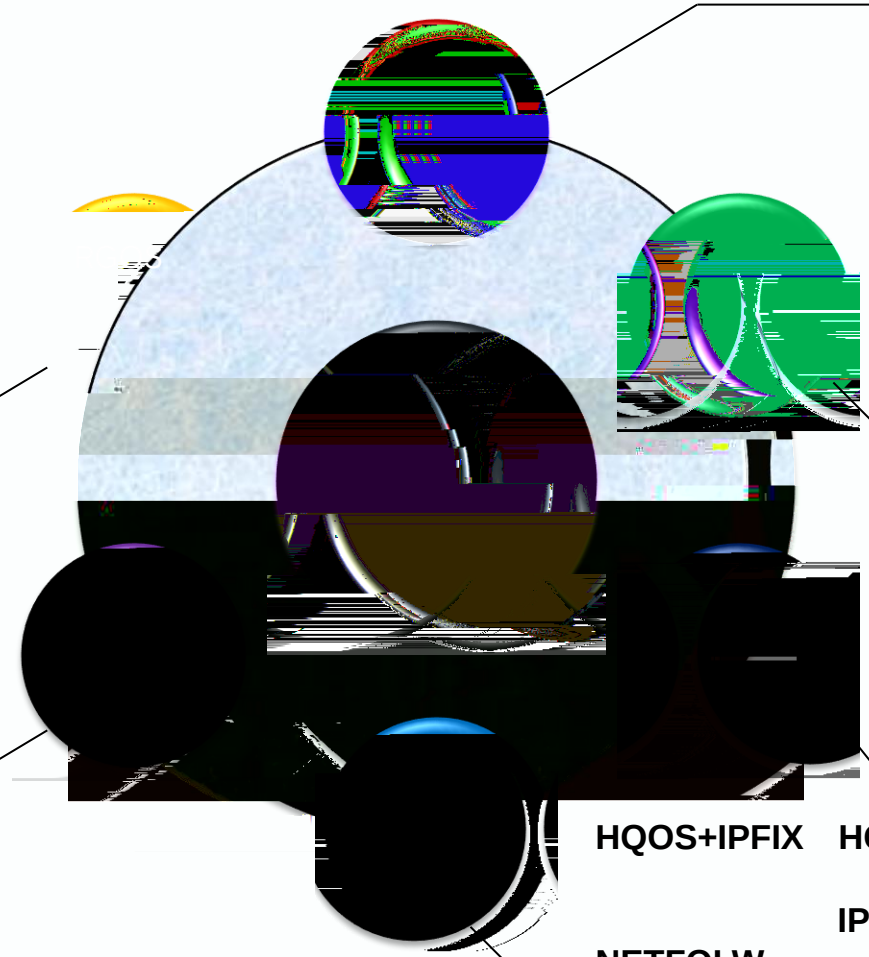
RSR30-X-SPU10 V2

RSR30-X LPU-4HNM

- Reliable multi-Service Router RSR
-

7Mpps
10 HNM

8 HNM



RGOS

VPN NAT QOS
3G
MPLS-VPN

3G

HQOS+IPFIX HQOS QOS

IPFIX

NETFOLW

RG-RSR7716

RG-RSR7708

RG-RSR7704

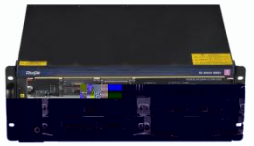
RG-RSR-16E

RG-RSR-08E

RG-RSR-04E

RG-RSR50E-80

RG-RSR50E-40



RG-RSR30-44

RG-RSR20-14E

RSR30-X-SPU10

RSR30-X-SPU10 V1.5

RSR30-X-SPU10 V2

RSR30-X LPU-4HNM

- RSR30-X-SPU10

HNM Highspeed Network Module 2 HNM

ge0/0/0 link/act

speed

8 1

USB SD Console

6

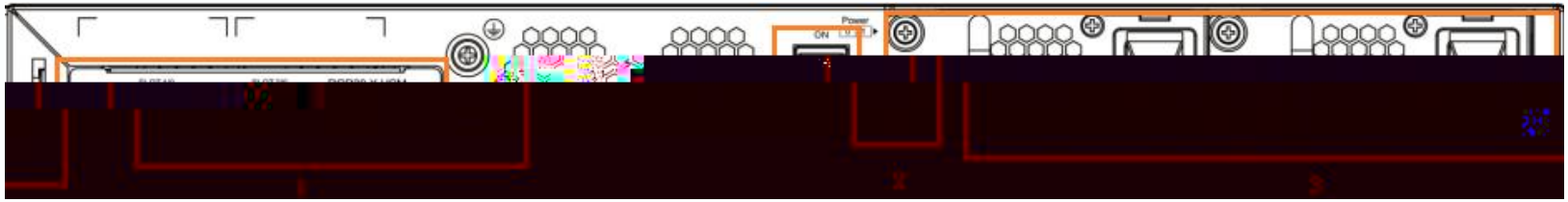
- RSR30-X-SPU10

**6**

| | | |
|---|---|---|
| | SD | SD<br>SD |
| | LPU | LPU<br>RSR30-X-VCM<br>LPU<br>LPU<br>LPU |
| | LPU | |
| | 0 | |
| | 1 | |
| | | |

- RSR30-X-SPU10

[redacted]



VCM Virtual Chassis Module VCM VCM
LPU VCM
2 2 hotswap 1 RDY

[redacted]

2 1+1 2

RSR30-X-SPU10

RSR30-X-SPU10 V1.5

RSR30-X-SPU10 V2

RSR30-X LPU-4HNM

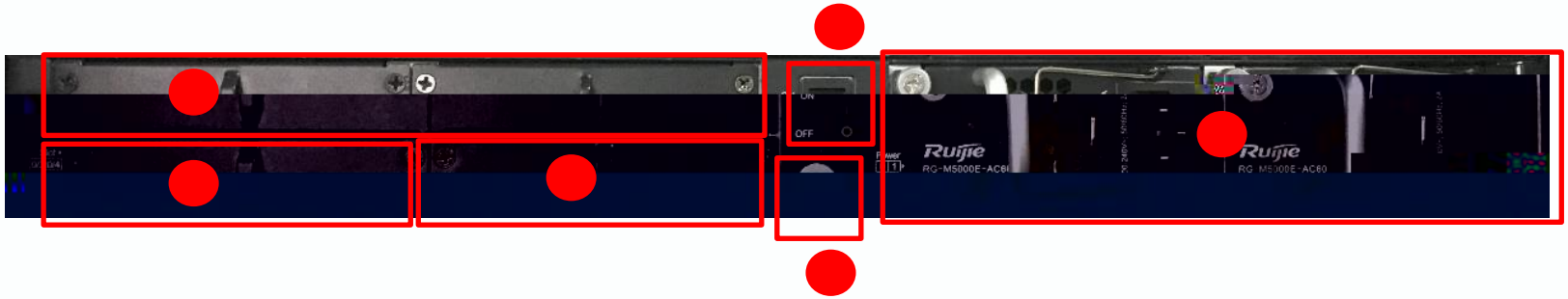
- RSR30-X-SPU10 V1.5

**6**

| | | |
|---|---|---|
| | SD | SD<br>SD |
| | HSIC | HSIC HSIC<br>HSIC<br>HSIC |
| | HSIC | |
| | 0 | |
| | 1 | |
| | | |

- RSR30-X-SPU10 V1.5

**SPU10 V1.5**




SLOT0/3 HSIC HSIC
SLOT0/4

RSR30-X-SPU10

RSR30-X-SPU10 V1.5

RSR30-X-SPU10 V2

RSR30-X LPU-4HNM

- RSR30-X-SPU10 V2　　RSR30-X-CMI

| | | |
|---|---|---|
| | | |
| | | |

VCM

RSR30-X-SPU10

RSR30-X-SPU10 V1.5

RSR30-X-SPU10 V2

- RSR30-X

  RSR30-X LPU Line Processing Unit

  RSR30-X LPU-4HNM 4 HNM

4 HNM

LPU

- ✓ Chassis Num LPU LPU SLOT1/0 LPU 1 LPU SLOT2/0 LPU 2 2 LPU 4 4 LPU
- ✓ RDY VCM DOWN, LPU LPU-4HNM , LPU , Cable Main RDY /Cable Aux RDY , LPU

- RSR30-X

**HOT SWAP** LPU LPU

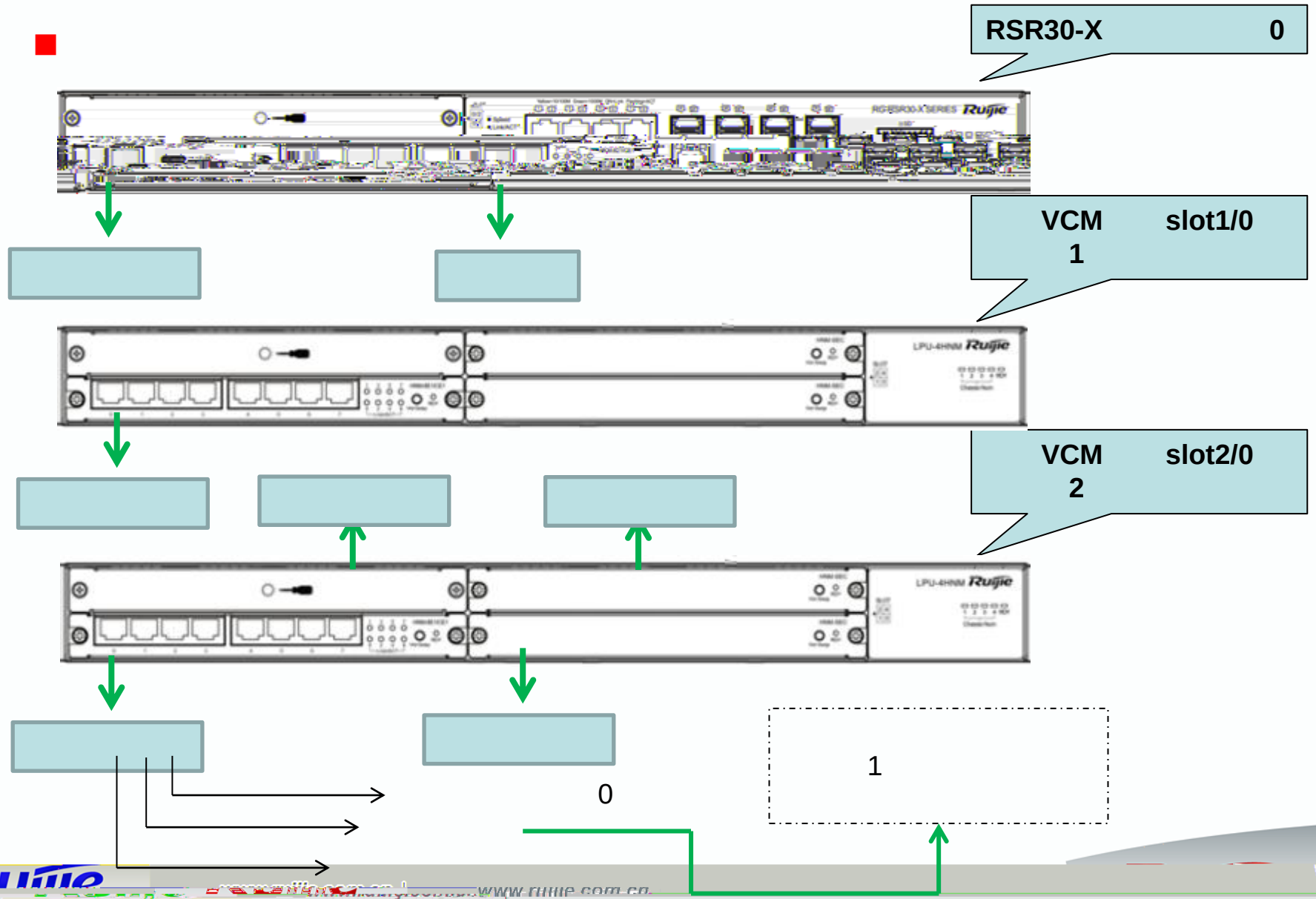
LPU . 3s

**VCM** **Cable Main** RSR30-X

ON ,LPU OFF

LPU

**2** 1+1


RSR30-X 0
VCM 1 slot1/0
VCM 2 slot2/0
0
1

# RSR30-X

# RSR30-X

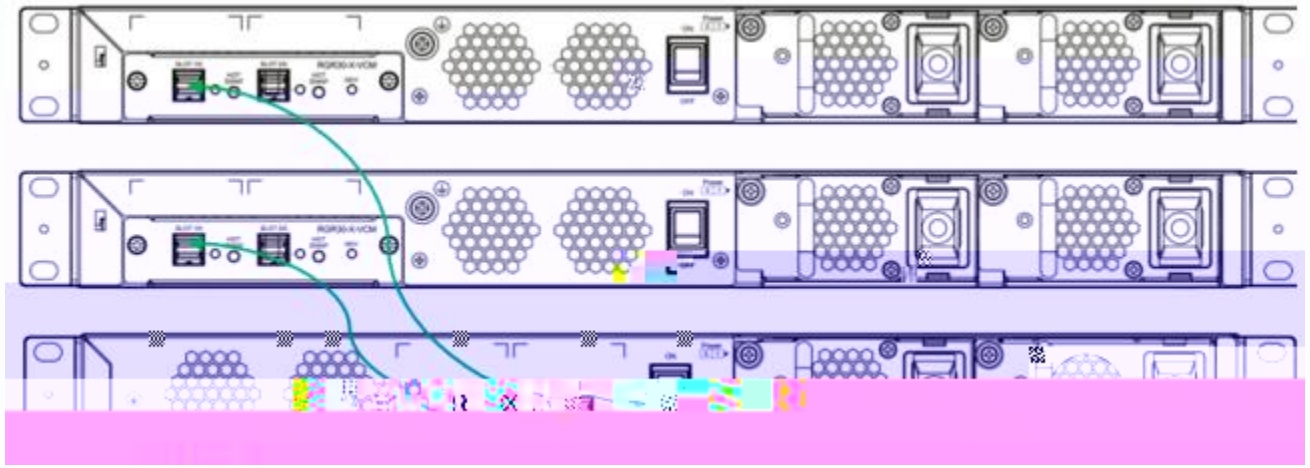
1 LPU 2 RSR30-X

LPU LPU

LPU cable main cable aux

LPU SLOT1/0 SLOT2/0

SLOT1/0



# RSR30-X

- LPU

LPU cable

Ṕ { ¹ Ṇ Ṕ

# RSR30-X

---

LPU

LPU cable LPU

---

switchover *slot* slot LPU

*slot* LPU 30-X-SPU10 slot 1/0 2/0

# RSR30-X

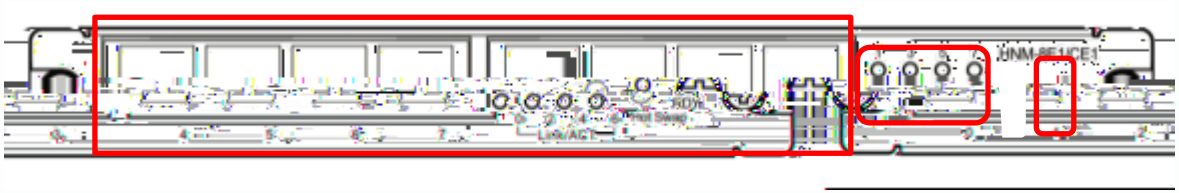
| | | |
|---|---|---|
| RSR30-X-SPU10 | | |
| RSR30-X-SPU10 V1.5 | | |
| RSR30-X-SPU10 V2 | | |

# RSR30-X

- HNM-8E1/CE1

  8 E1/CE1

  - RJ45
  - 8



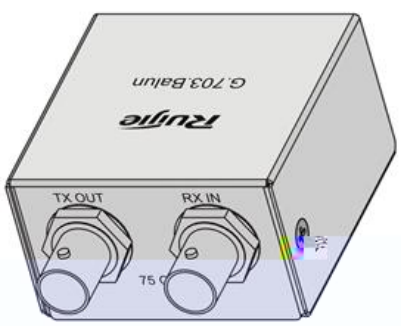
  -
  -
  -
  -

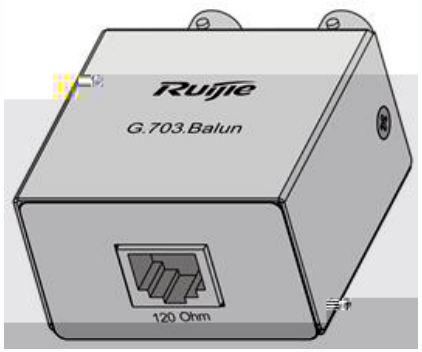
# RSR30-X

## HNM-8E1/CE1

HNM-8E1/CE1

RSR30-X (V1.0)



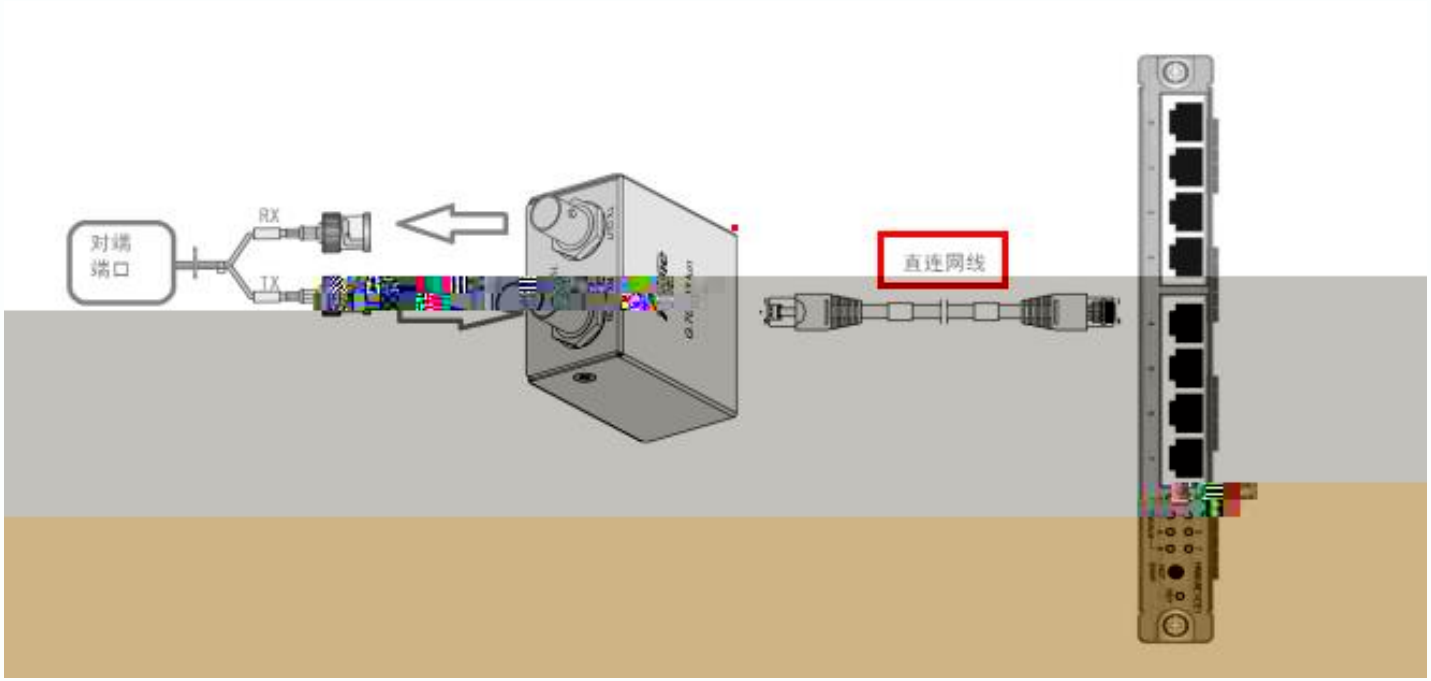
# RSR30-X

- HNM-8E1/CE1

RSR30-X

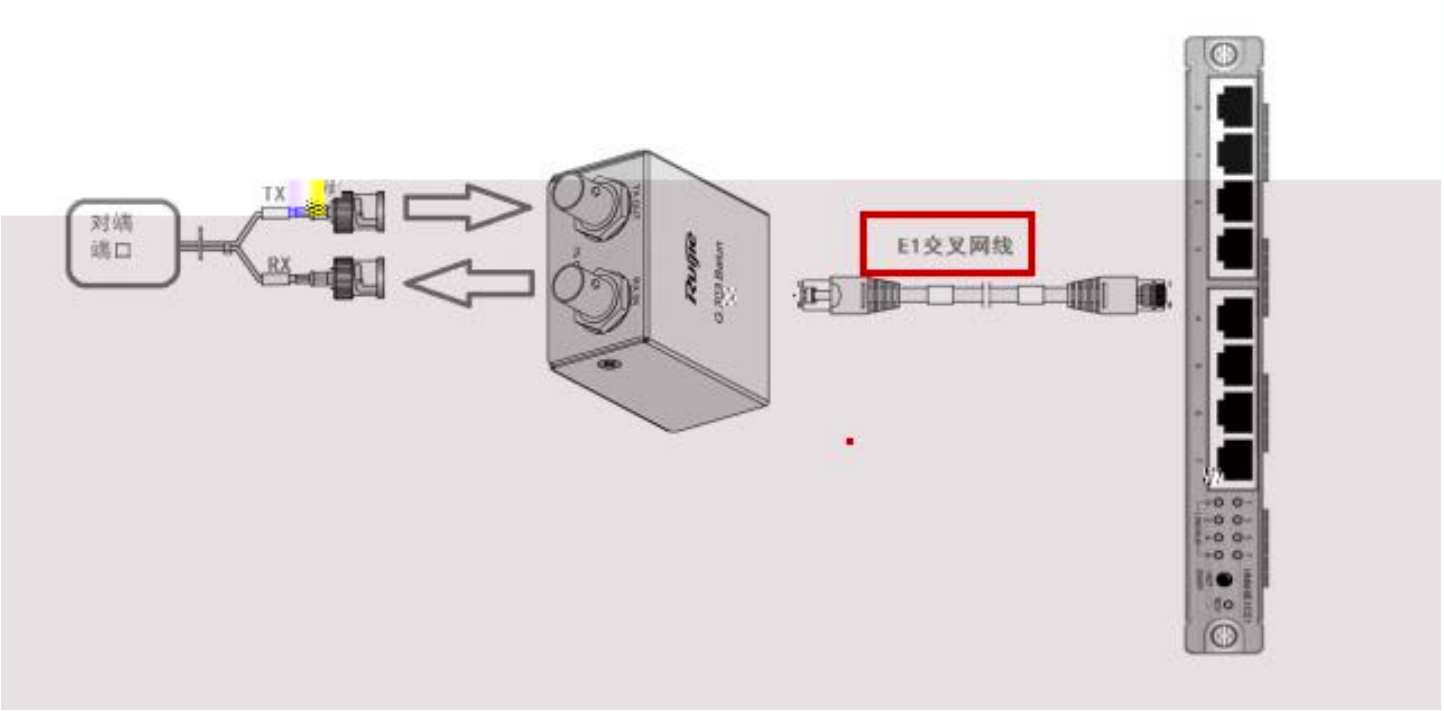
# RSR30-X

- HNM-8E1/CE1



# RSR30-X

- HNM-8E1/CE1



# RSR30-X

## HNM-SEC

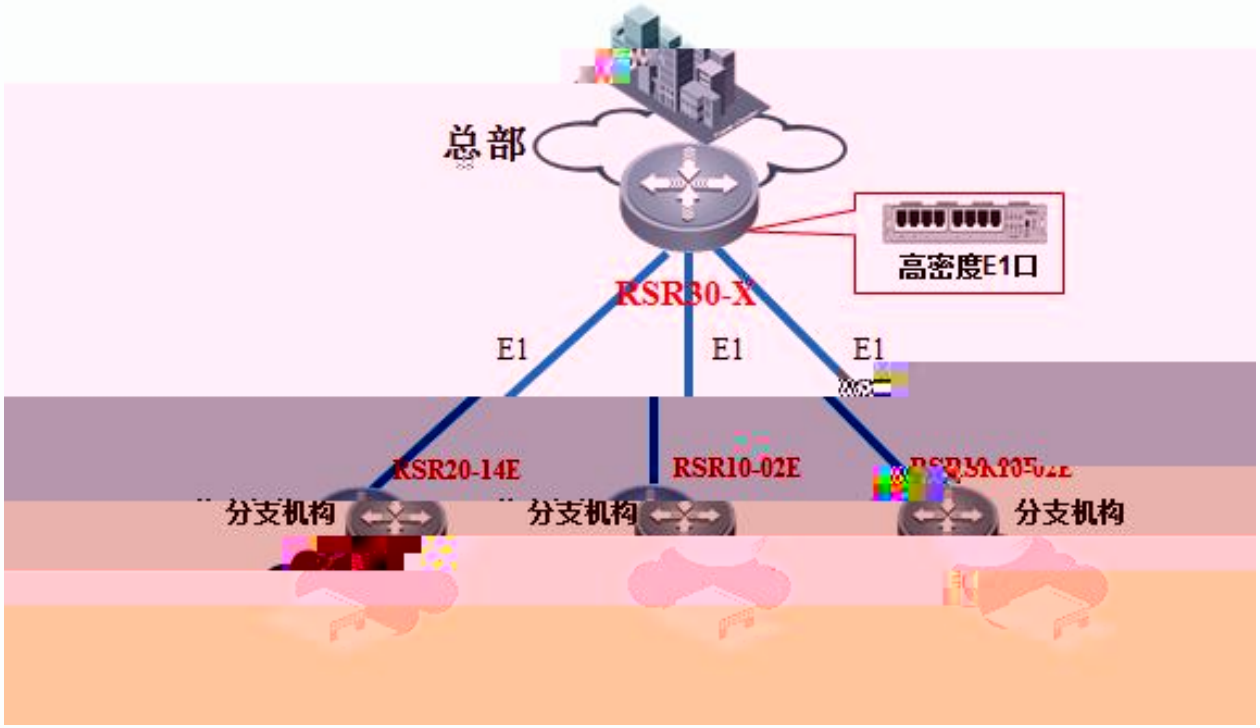
### IPsec HNM

| | | |
|---|---|---|
| | | |
| | | 3s<br>RDY |

RSR30-X-SPU10

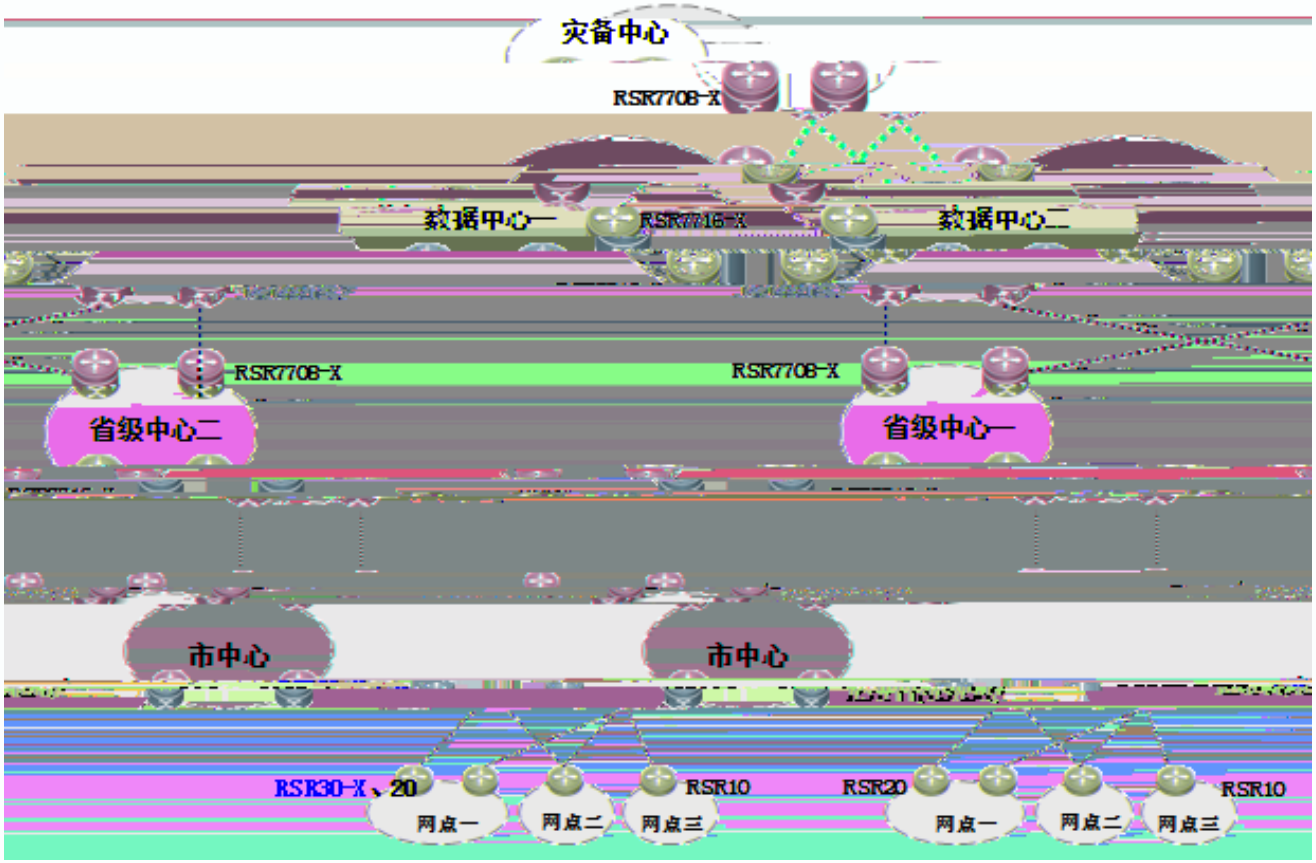
RSR30-X-SPU10 V2

RSR30-X LPU-4HNM




- E1/CE1
- E1/CE1

IPSEC


灾备中心
RSR770B-X
数据中心一
RSR770B-X
数据中心二
RSR770B-X
RSR770B-X
省级中心二
省级中心一
市中心
市中心
RSR30-X、20
网点一
网点二
网点三
RSR10
RSR20
网点一
网点二
网点三
RSR10

- 
- 

QOS　HQOS

- 
- MPLS-VPN BGP+OSPF NAT

RG-RSR30-X

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