

# RG - AP220- E (P)

V1.01

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# 1

RG-AP220-E(P)

AP220-E(P)

( X-sense )

AP( Fat AP )

AP( Fit AP )

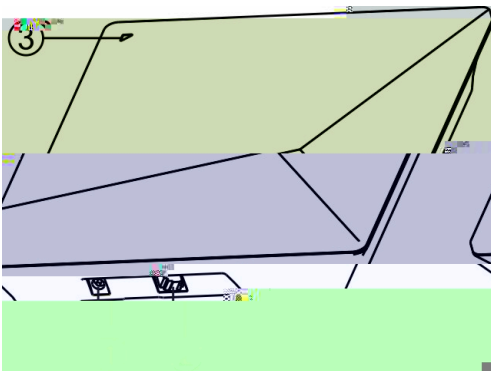
/

|           |              |
|-----------|--------------|
|           | 0.7 kg +     |
| × ×<br>mm | 205 × 205×42 |
|           |              |
|           | 10.5W        |



RG-AP220-E(P) 2 1 POE console

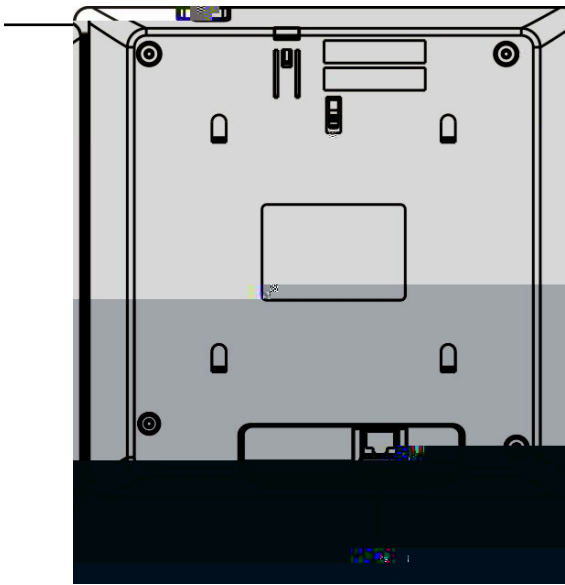
1-1



48V  
Console

|  |    |           |
|--|----|-----------|
|  |    |           |
|  | AP |           |
|  | AP |           |
|  | AP | Link down |
|  | AP | CAPWAP    |
|  | AP |           |
|  | AP | CAPWAP    |
|  | AP | CAPWAP    |
|  | AP |           |
|  | AP | AP        |

1-2

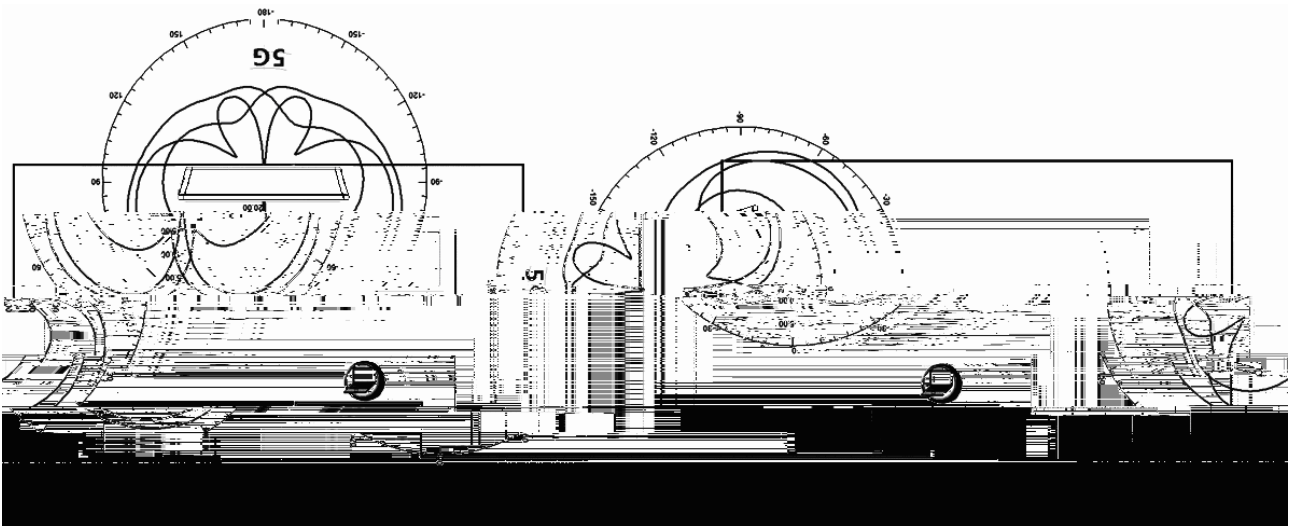




5G RG-AP220-E(P)

1-4 5G

5G



## 2

### 2.1

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## 2.5

RG-AP220-E(P)

### 2.5.1

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RG-AP220-E(P)

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RG-AP220-E(P)

### 2.5.2

RG-AP220-E(P)

### 2.5.3

RG-AP220-E(P)

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RG-AP220-E(P)

|            |        |
|------------|--------|
|            |        |
| -10 C-55 C | 5%-95% |

### 2.5.4

|       |                   |                 |                   |                   |
|-------|-------------------|-----------------|-------------------|-------------------|
| (μ m) | 0.5               | 1               | 3                 | 5                 |
| /     | $1.4 \times 10^7$ | $7 \times 10^5$ | $2.4 \times 10^5$ | $1.3 \times 10^5$ |

|                 |                   |                   |
|-----------------|-------------------|-------------------|
|                 | mg/m <sup>3</sup> | mg/m <sup>3</sup> |
| SO <sub>2</sub> | 0.2               | 1.5               |

|                  |       |      |
|------------------|-------|------|
| H <sub>2</sub> S | 0.006 | 0.03 |
| NO <sub>2</sub>  | 0.04  | 0.15 |
| NH <sub>3</sub>  | 0.05  | 0.15 |
| Cl <sub>2</sub>  | 0.01  | 0.3  |

### 2.5.5

- DC36-57V
- POE 802.3af/802.3at POE



RG-AP220-E(P)

12.95W

POE

### 2.5.6 EMI

- 
- 

### 2.6

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



RG-AP220-E(P)

### 2.7

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



## 3

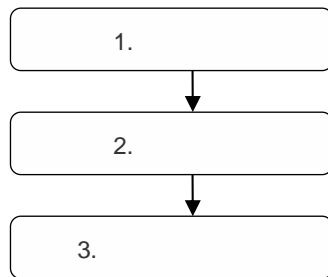
RG-AP220-E(P) AP

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### 3.1



### 3.2

RG-AP220-E(P)

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- 
- 
- 
- 
- 

### 3.4

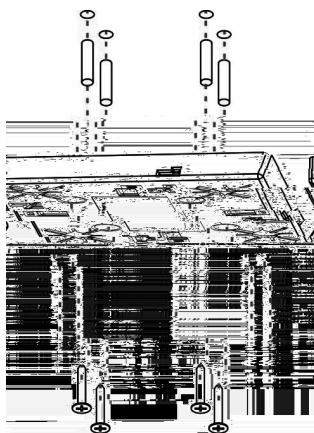


- 

4 6mm

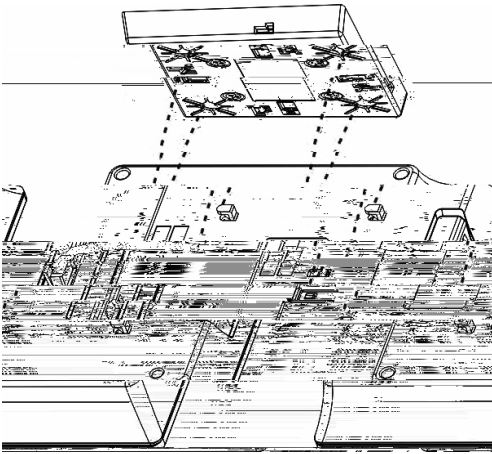
61mm

3-1



- 

3-2



●

3-3

RG-AP220-E(P)

■

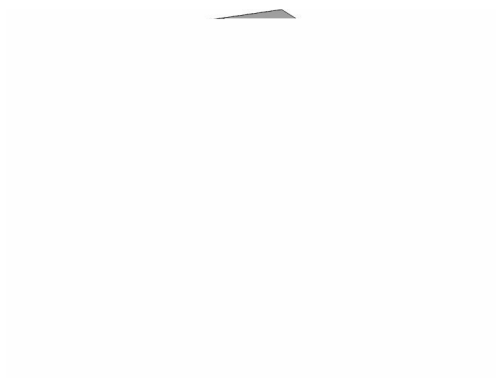
●

4

6mm

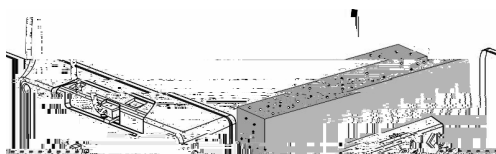
61mm

3-4



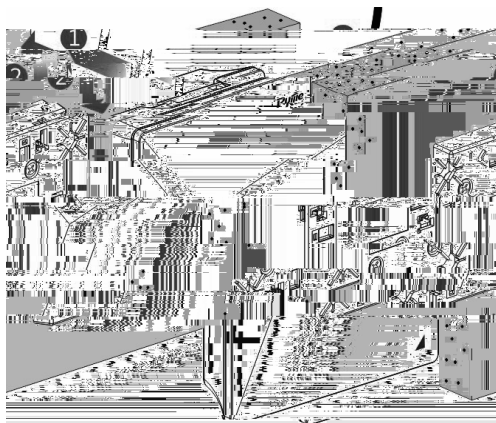
●

3-5



●

3-6

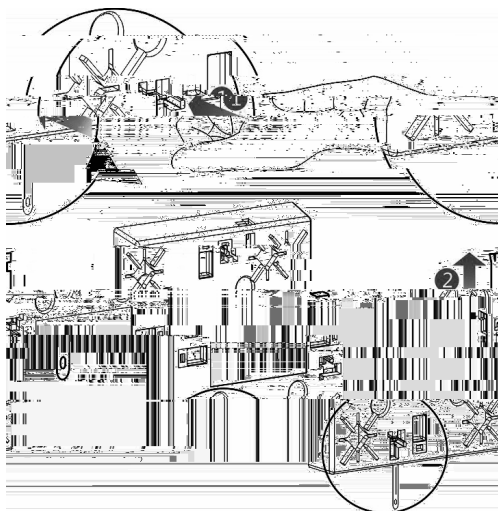


" Ruijie" logo

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### 3.5

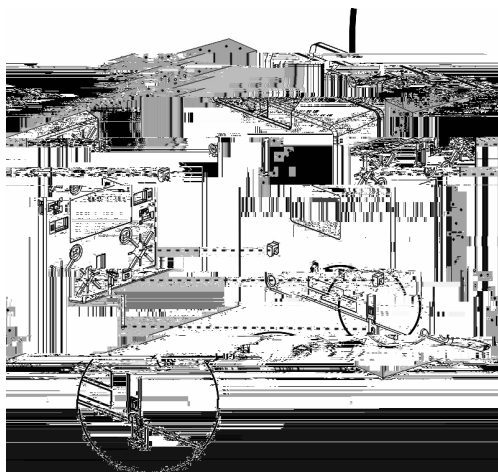
3-1



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●

3-2

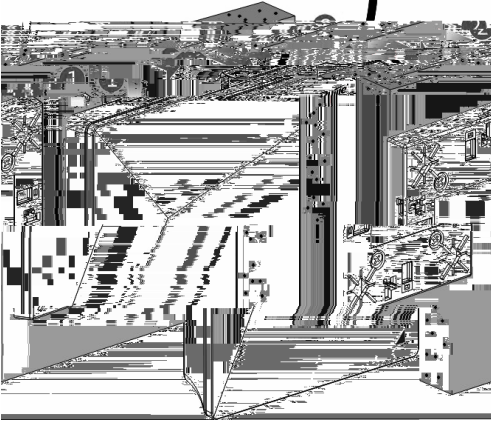


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●

3-3





3-6



## 4

### 4.1

POE            AP

- POE            AP
- AP    AC
- PC    AP                                    PC    POE

### 4.2

- 
- AP
  
- AP            AC
- AP

# 5


## 5.1

RG-AP220-E(P)

- AP
- AP Link down
- AP CAPWAP
- AP
- AP CAPWAP
- 16 /min AP CAPWAP
- AP
- 2 2 AP AP
- AP /

### CLI

RG-AP220-E(P) AC

 RG-AP220-E(P)

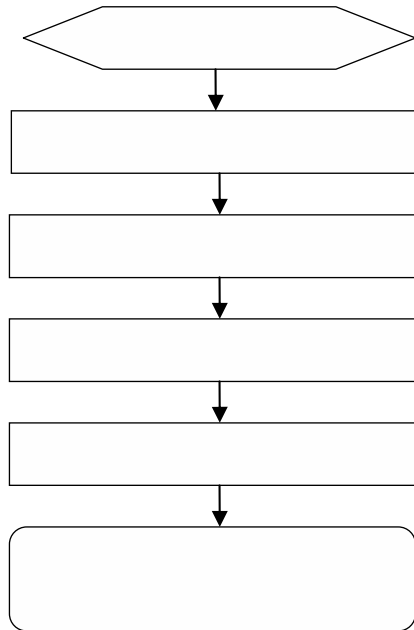
Telnet

RG-AP220-E(P)

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## 6

### 6.1





**A** — —

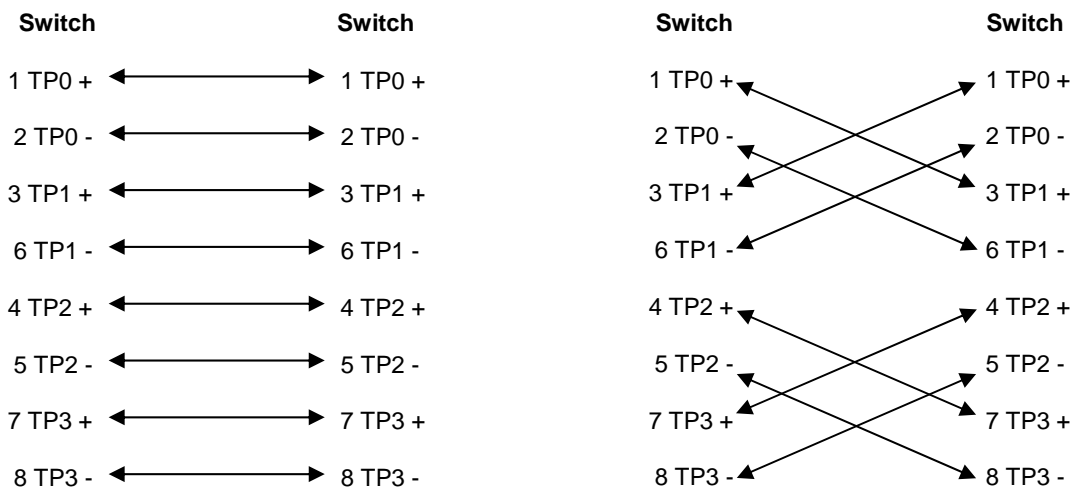
**1000BASE-T/100BASE-TX/10BASE-T**

1000BASE-T/100BASE-TX/10BASE-T

MDI/MDIX Crossover

|            |              |           |            |     |     |
|------------|--------------|-----------|------------|-----|-----|
| 1000BASE-T | IEEE 802.3ab | 100-ohm 5 | 5          | UTP | STP |
|            | 100          |           |            |     |     |
| 1000BASE-T | 4            | 4         | 1000BASE-T |     |     |

A-1 1000BASE-T



100BASE-TX/10BASE-T

10Mbps 100-ohm 3 4 5 100Mbps

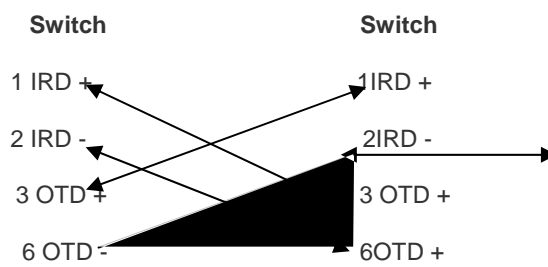
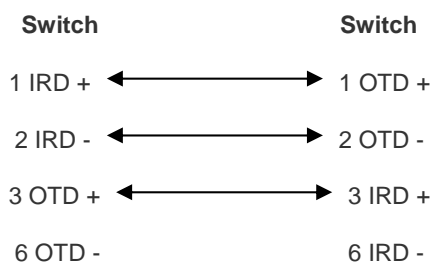
|           |     |                     |
|-----------|-----|---------------------|
| 100-ohm 5 | 100 | 100BASE-TX/10BASE-T |
|-----------|-----|---------------------|

A-2 100BASE-TX/10BASE-T

| Pin     |                       |                       |
|---------|-----------------------|-----------------------|
| 1       | Input Receive Data+   | Output Transmit Data+ |
| 2       | Input Receive Data-   | Output Transmit Data- |
| 3       | Output Transmit Data+ | Input Receive Data+   |
| 6       | Output Transmit Data- | Input Receive Data-   |
| 4 5 7 8 | Not Used              | Not Used              |

100BASE-TX/10BASE-T

A-3 100BASE-TX/10BASE-T

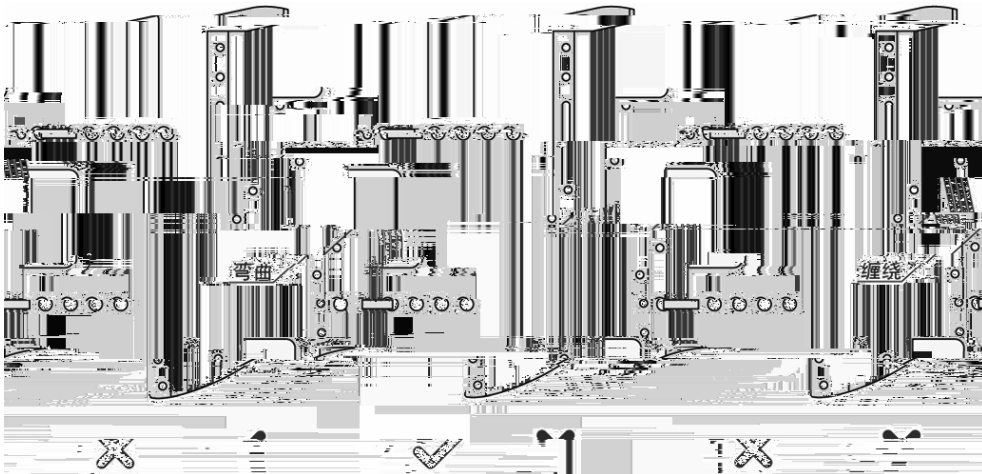


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RG-AP220-E(P)

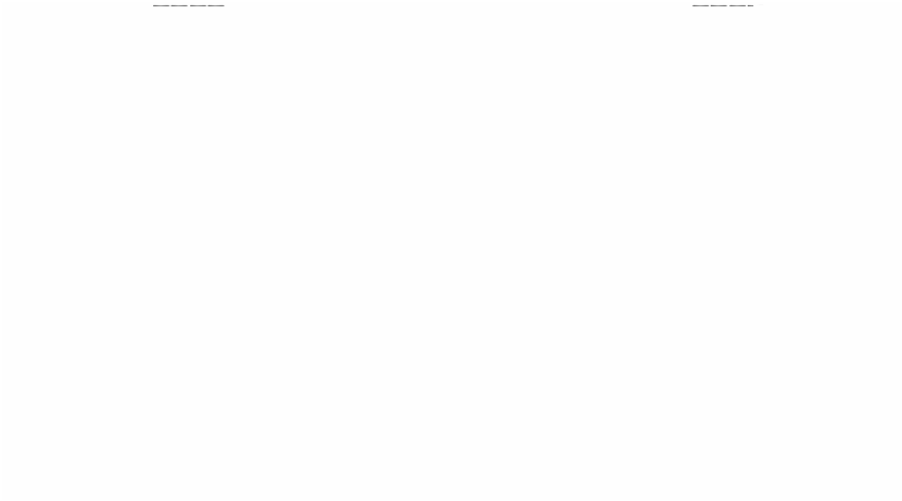
- 5
- 7
- 7 10
- SFP+ 5 10

- 
- D-1
- D-1



- 30mm
- 
- 
- 
- 
- D-2

D-2



■

