

# Yealink RCH80&RCH240 Datasheet

## PoE Network L2+ Switch



RCH80



RCH240

The RCH80 and RCH240 are AV switches specifically designed and developed for Yealink AV over IP. The RCH80 and RCH240 support Yealink's audio and video protocols, as well as the universal Dante and AES67 protocols. They support PoE+ power supply, meeting the power requirements of AV devices. WithEEE disabled by default and IGMP Snooping multicast function enabled by default, the switches require no configuration, enabling plug-and-play functionality for Yealink AV over IP devices.

## Key Features and Benefits

- Yealink L2+ Managed AV Switch
- 8/24 Gigabit Ethernet Ports + 2/4 Gigabit Fiber Ports
- Supports 802.3af/at PoE, 130W/370W power supply
- The EEE function is disabled by default
- Supports multicast/IGMP snooping and querying
- Compatible with Yealink MVC / VCH
- Supports Dante and AES67 protocols
- Plug-and-play for Yealink AV over IP devices, no configuration required

## Specifications

| Model                    | RCH80                                                                                                                                                                                                                                                                                                       | RCH240                                                                                                        |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Port Configuration       | <ul style="list-style-type: none"> <li>• 8 × Gigabit PoE ports</li> <li>• 2 × Gigabit fiber ports</li> </ul>                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• 24 × Gigabit PoE ports</li> <li>• 4 × Gigabit fiber ports</li> </ul> |
| Switching Capacity       | 20Gbps                                                                                                                                                                                                                                                                                                      | 56Gbps                                                                                                        |
| Packet Forwarding Rate   | 28Mpps                                                                                                                                                                                                                                                                                                      | 42Mpps                                                                                                        |
| Dimensions               | 280 × 180 × 44 mm                                                                                                                                                                                                                                                                                           | 440 × 208 × 44 mm                                                                                             |
| Power Consumption        | <10 W                                                                                                                                                                                                                                                                                                       | <17 W                                                                                                         |
| PoE & PoE+ Support       | Supported                                                                                                                                                                                                                                                                                                   | Supported                                                                                                     |
| PoE Power                | 130 W                                                                                                                                                                                                                                                                                                       | 370 W                                                                                                         |
| Fans                     | None                                                                                                                                                                                                                                                                                                        | 2                                                                                                             |
| Power Supply             | AC: 100 V - 240 V, 50 Hz ± 10%                                                                                                                                                                                                                                                                              |                                                                                                               |
| Installation Method      | <ul style="list-style-type: none"> <li>• Rack-mounted</li> <li>• Desktop installation</li> </ul>                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• Rack-mounted</li> </ul>                                              |
| Environmental Factors    | <ul style="list-style-type: none"> <li>• Operating temperature/humidity: -10°C to 50°C/10%-90% RH non-condensing</li> <li>• Storage temperature/humidity: -40°C to 75°C/5%-95% RH non-condensing</li> </ul>                                                                                                 |                                                                                                               |
| VLAN                     | <ul style="list-style-type: none"> <li>• Supports 4K VLAN entries</li> <li>• Supports GVRP</li> <li>• Supports QinQ</li> <li>• Supports Private VLAN</li> <li>• Supports Voice VLAN</li> </ul>                                                                                                              |                                                                                                               |
| Loop Protection          | <ul style="list-style-type: none"> <li>• Supports 802.1D (STP), 802.1w (RSTP), 802.1s (MSTP)</li> <li>• Supports BPDU protection, root protection, and loop protection</li> <li>• Supports EPS Ethernet Link Auto-Protection Protocol</li> <li>• Supports ERPS Ethernet Ring Protection Protocol</li> </ul> |                                                                                                               |
| Multicast                | <ul style="list-style-type: none"> <li>• Supports IGMP v2/v3</li> <li>• Supports IGMP Snooping</li> <li>• Supports IGMP Fast Leave</li> </ul>                                                                                                                                                               |                                                                                                               |
| QoS                      | <ul style="list-style-type: none"> <li>• Supports 802.1P/DSCP priority mapping and marking</li> <li>• Supports SP, WRR, SP + WRR scheduling</li> <li>• Supports Tail-Drop, WRED queue management</li> </ul>                                                                                                 |                                                                                                               |
| Management & Maintenance | Supports web-based management via browser                                                                                                                                                                                                                                                                   |                                                                                                               |