

LDR Outdoor PoE Switch IP55, RCLDR-OD-QB2082SPG

❖ Overview

RCLDR-OD-QB2082SPG is an outdoor PoE switch. It is integrated of PoE switch,, air breaker, lightning arrester etc. It has IP55 protection grade, can be for outdoor using.

It can be applied for surveillance monitoring, forest monitoring, etc.

❖ Pictures



❖ Features

- ❖ AC220V mains power input, 120W DC52V power module inside.
- ❖ With 8*10/100/1000M PoE downlink ports and 2*1000M SFP uplink ports.
- ❖ The maximum PoE power of a single port is 30W, and the maximum PoE power of the whole machine is 115W.
- ❖ Provides three modes of VLAN to adapt to various complex environments.
- ❖ Supports PoE Auto-check function, which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the ports' output of PSE, and restart the PD device. It greatly reduces the maintenance difficulty of engineering.
- ❖ PoE Switch supports 6KV surge protection, 6KV contact / 8KV air ESD protection.
- ❖ The box adopts waterproof (protection level IP55), anti-rust treatment, suitable for long time outdoor use.

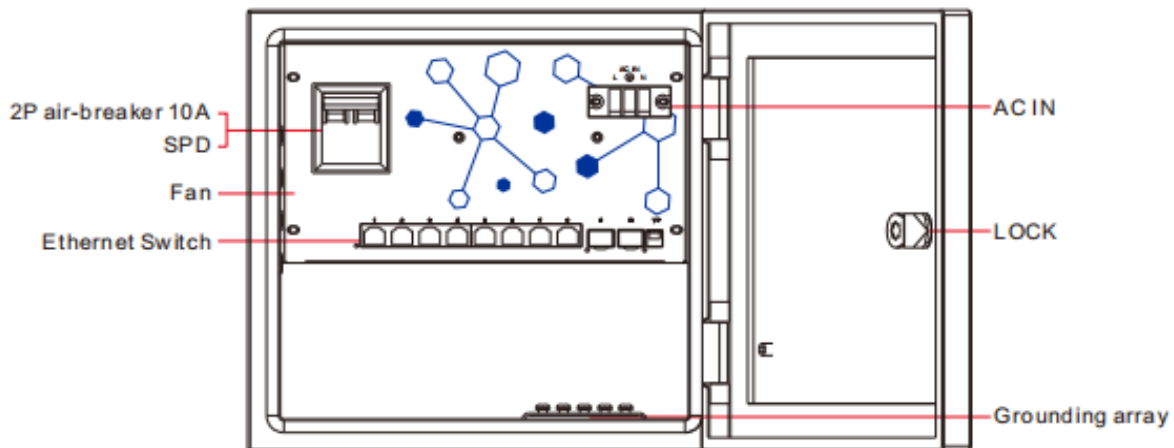
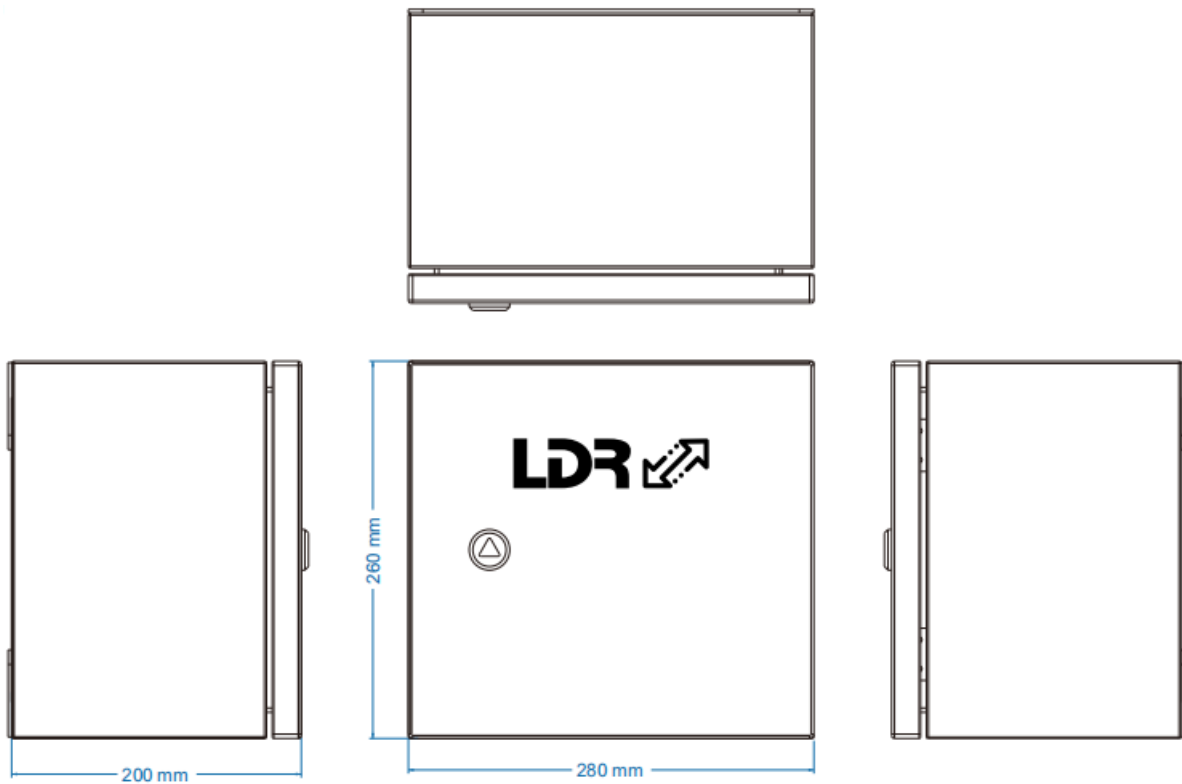
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❖ Hardware specification

| Parameter | Specifications |
|---------------------|--|
| Power supply | AC100-240V, 50/60Hz |
| Consumption | Self consumption<5W, PoE output max. 115W |
| Downlink ports | Ports 1~8 10/100/1000Base-T 30W PoE RJ45(IEEE 802.3af/at) |
| Uplink ports | Ports 9~10 1000Base-X SFP |
| PoE ports | Ports 1~8 support IEEE802.3af/at, end-span, 30W per port Max. |
| PoE Auto-check | If detect the frozen PD device, restart it |
| Working mode | V:VLAN: 1~8 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control. P:PoE Auto-Check: PoE Auto-Check function is open/ closed by dip switch. The switch always auto detect 1~8 ports whether frozen, if some ports are frozen, the switch will restart them, but other ports are unaffected. |
| Cable and distance | Use cat5e/6,100m max. |
| Standard | IEEE802.3, IEEE802.3u, IEEE802.3z |
| Switch fabric | 5.6Gbps |
| Through put | 4.2Mpps |
| Buffer | 12KB |
| MAC address table | 4K |
| Indicator | Power: 1 *red ; Downlink 1~8: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE Uplink9, 10: On RJ45 green LEDs indicate Link/Act |
| Protection | Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact 8KV: air, standard:IEC61000-4-2 |
| SPD | AC lightning arrester, 385v AC@20KA , 2p, - 40 ~ 70 °C, lower incoming line, dxh06-fcs / 2r40 |
| Working temperature | -20°C~70°C |
| Storage temperature | -40°C~85°C |
| Humidity | 0~95%(No condensation) |
| Dimension(L×W×H) | 280mm×200mm×260mm |
| Material | Metal |
| Colour | White |
| Net-weight | 8KG |

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❖ Structure



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❖ Ordering information

| version | describe |
|--------------------|--|
| RCLDR-OD-QB2082SPG | LDR Outdoor PoE switch AC 100~240V, 50/60Hz, 10A IN; 8*10/100/1000M PoE RJ45 ports, 2*1000M SFP ports. VLAN working mode |