

❖ Overview

QB2082SPG-120 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.

❖ Features

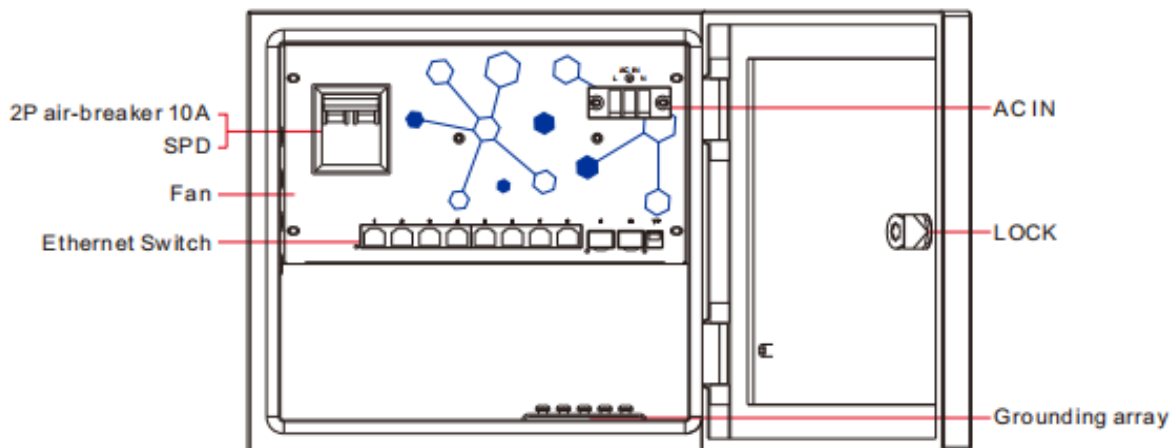
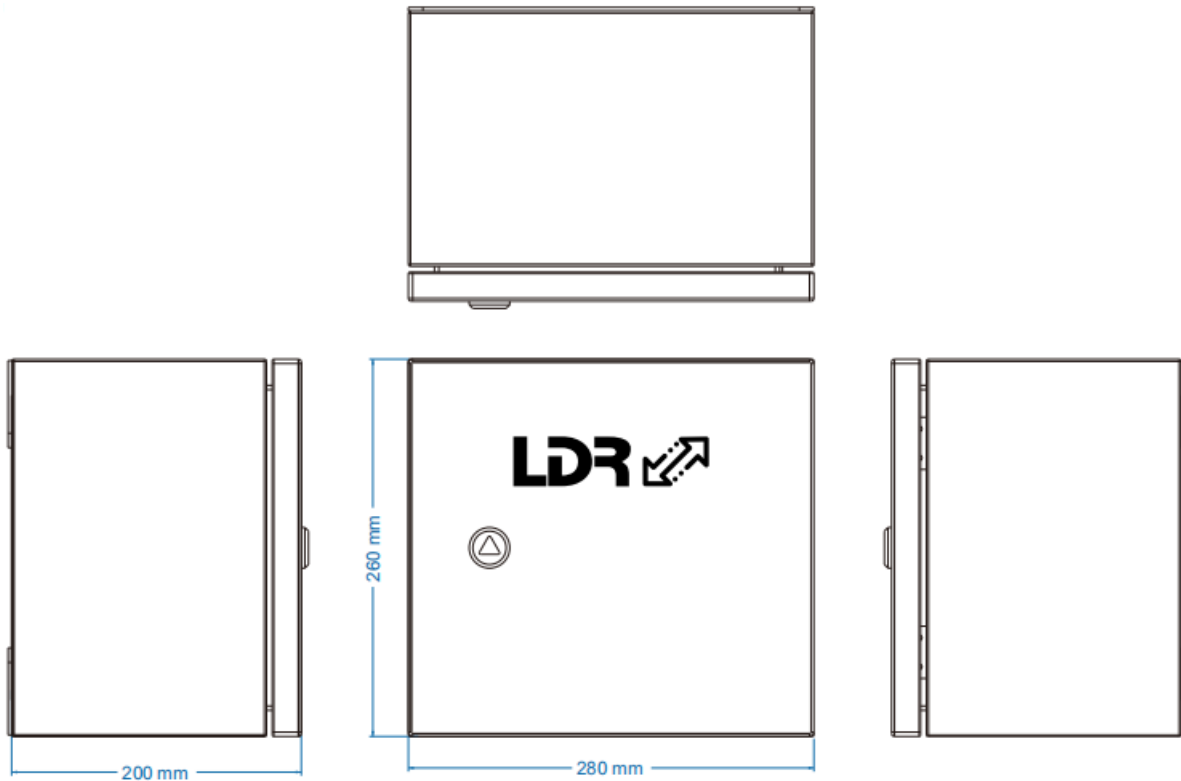
- ❖ AC220V mains power input, 120W DC52V power module inside.
- ❖ With 8*10/100/1000M PoE downlink ports and 2*1000M SFP uplink ports.
- ❖ The maximum PoE power of single port is 30W, and the maximum PoE power of the whole machine is 115W.
- ❖ Provides three modes of VLAN to adapt to various complex 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.
- ❖ 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.

❖ 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
Though 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

❖ Structure



❖ Ordering information

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