

## ALLNET PoE Extender Repeater Outdoor IP67 IEEE802.3BT IN - AT Out, ALL-PR2013Ov2-30W

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### EAN CODE



### Highlights:

- Outdoor-capable according to **IP67 (dustproof & water-protected)**
- Extension of PoE networks to **up to 300 m**
- **1x Gigabit PoE input (IEEE 802.3bt)**
- **2x Gigabit PoE output (IEEE 802.3af/at)**
- Total power up to **70 watts**
- Extended temperature range: **-20 °C to +60 °C**
- Rugged, compact design for outdoor use

### ALL-PR2013O-30W – Outdoor PoE repeater for a range of up to 300 m

The **ALL-PR2013O-30W** is the ideal solution when PoE connections need to be reliably realised over long distances. As a compact **Outdoor PoE Repeater / 2-Port PoE Switch**, it extends existing networks by up to **100 metres per device** – and thus enables ranges of up to **300 metres**.

Thanks to the active signal refresh, the data and power transmission is reprocessed in a stable manner - perfect for demanding outdoor installations without the need for an external power supply.

### Typical application scenarios

- Power supply for **IP cameras and access points** in the outdoor area
- Connection of **two IP cameras with only one supply line**
- Realisation of **emergency or IP telephones outside buildings**
- Network connections between **buildings or remote areas**



## Mode of operation

The repeater is powered via **IEEE 802.3bt (PoE++)** and outputs **PoE according to IEEE 802.3af/at** with up to **70 watts total power** at the outputs. Thanks to the active signal amplification, the classic 100 m Ethernet limit can be reliably extended.

An additional advantage: The outdoor repeater enables the connection of **two PoE end devices** via just one laid cable, so **no additional drilling or second cables are required** – ideal for clean and cost-efficient outdoor installations.

**Important: A PoE BT (802.3bt) feed is required for operation.**

## Technical details:

|                              |   |
|------------------------------|---|
| <b>Model</b>                 | ALL-PR2013O-30W   |
| <b>Standard</b>              | <ul style="list-style-type: none"><li>• IEEE802.3</li><li>• IEEE802.3u</li><li>• IEEE802.3ab</li><li>• IEEE802.3x</li><li>• IEEE802.3af</li><li>• IEEE802.3at</li><li>• IEEE802.3bt</li></ul> |
| <b>Port</b>                  | PoE in port:1 x 10/100/1000Mbps RJ45 port<br>PoE out port : 2 x 10/100/1000Mbps RJ45 port   |
| <b>Network Media(Cable)</b>  | 10BASE-T: UTP category 3,4, 5 cable (=100m)<br>100BASE-TX: UTP category 5.5e cable (=100m)<br>1000BASE-TX: UTP category5e cable (=100m)   |
| <b>LED</b>                   | LAN   |
| <b>PoE Standard</b>          | IEEE802.3af/at/bt   |
| <b>Dimensions (L*W*H)</b>    | 150*73*44MM   |
| <b>RJ45 PoE</b>              | PoE in port: PoE PIN 1/2 = (+) PIN 3/6 = (-) or PIN 4/5 (+) and PIN 7/8 = (-)<br>PoE out port: PINS 1/2 = (+) and PINS 3/6 = (-)  |
| <b>PoE port</b>              | 2   |
| <b>Power Supply</b>          | PoE   |
| <b>PD port input</b>         | 95W Max   |
| <b>PoE Power Output</b>      | Per port 48-55V DC Max.30W IEEE802.3at  |
| <b>Operating Temperature</b> | -20°C ~ 60 °C   |
| <b>Storage Temperature</b>   | -40 °C ~ 80 °C  |



Part No.: 257248  
Vendor Part No.: ALL-PR2013Ov2-30W

|                               |  |
|-------------------------------|--|
| <b>Operating Humidity</b>     | 10% ~ 90% non-condensing                           |
| <b>Storage Humidity</b>       | 5% ~ 90% non-condensing                            |
| <b>Surge Protection</b>       | Differential mode $\pm$ 4KV, Common mode $\pm$ 6KV |
| <b>MTBF</b>                   | >50000 hour  |
| <b>Electrostatic standard</b> | Contact 6KV,air 8KV                                |
| <b>Weather Rating</b>         | IP67   |
| <b>Vandal Proof</b>           | IK10   |
| <b>Marks</b>                  | CE   |