

## VI-3002

IP- / PoE-Repeater through UTP cables  
(paired cables)

- IP/PoE-repeater for UTP cables
- Distances up to 200m
- PoE 802.1af, at and PoE++
- No power supply needed in PoE mode



The VI-3002 is a 10/100Mbps Ethernet and PoE/PoE+/PoE++ repeater. The repeater allows to connect two or more UTP-Cat5/6 cables and thus to multiply the cable distance. The devices do not need any software configuration. Diagnostic LEDs provide an overview of the operating status. Due to the small dimensions, the repeaters can also be mounted in very confined spaces.



## Technical data

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### General properties

supply voltage	No separate power supply required due to POE operation.
power consumption	1W
MTBF	
operating temperature	-10°C ... +70°C
dimensions	23 x 25 x 69mm

### interfaces

copper ports	2 x 10/100BaseT, RJ45, PoE, PoE+, PoE++												
transmission cable	Ideal type: Cat5e and superior												
Transmission distance	<p>The repeater VI-3002 can transmit more than 100m cable on both sides. By combining several repeaters in a row, even greater distances can be covered. It should be noted that the PoE power decreases due to the voltage drop in the cable and the repeaters' own requirements.</p> <p>Maximum number of repeaters, guideline values:</p> <table><tr><th>PoE Power</th><th>Distance</th><th>Number of VI-3002</th></tr><tr><td>60W</td><td>130m</td><td>1</td></tr><tr><td>25W</td><td>300m</td><td>2</td></tr><tr><td>5W</td><td>500m</td><td>4</td></tr></table>	PoE Power	Distance	Number of VI-3002	60W	130m	1	25W	300m	2	5W	500m	4
PoE Power	Distance	Number of VI-3002											
60W	130m	1											
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## Product variants

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### VI-3002

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Version 28.08.2020, Changes without notice