

## VI-COAX-24xxA-Serie

IP / PoE extender via coaxial cable

- IP/PoE extender for coaxial cable
- Distances up to 500m
- PoE 802.1af and at
- No power supply required in PoE mode
- 1-16 channels



The VI-COAX-24xxA series transmits 10/100Mbps Ethernet and PoE/PoE+ with coaxial cable up to a distance of 500m. The Pass Through technology makes it possible to pass on the PoE supply of e.g. a midspan directly via a coaxial cable. The units do not require any software configuration. Diagnostic LEDs provide an overview of the operating status. The modules of the VI-COAX-2400A series can be mounted as tabletop models, on top-hat rails and in 19" cabinets.



## Technical data

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### General properties

|                       |  |
|-----------------------|--|
| supply voltage        | <p>Single-channel devices</p> <p>No power supply required for POE operation (power requirement per unit approx. 2W)</p> <p>Without PoE:</p> <p>VI-COAX-2400A (mini unit): 12VDC approx. 2W</p> <p>VI-COAX-2401A: 12VDC or 24VAC approx. 2W</p> <p>Hollow plug, incl. transition plug Hollow plug to screw terminals</p> <p>Multi-channel devices</p> <p>Multi-channel devices must always be supplied with power. However, as with single-channel devices, the power supply does not insert a PoE and only serves to operate the device.</p> <p>12VDC, 30W, e.g. VI-0014AB</p> |
| MTBF                  |  |
| operating temperature | -40 bis +75°C  |
| dimensions            | <p>VI-COAX-2400A: 55 x 45 x 27mm</p> <p>VI-COAX-2401A: 95 x 40 x 30mm</p> <p>VI-COAX-2404AB: 125 x 95 x 60mm</p> <p>VI-COAX-2408AB: 19" x 1HE x 250mm</p> <p>VI-COAX-2416AB: 19" x 1HE x 250mm</p>   |
| weight                | <p>VI-COAX-2400A: 0,1kg</p> <p>VI-COAX-2401A: 0,1kg</p> <p>VI-COAX-2404AB: 0,3kg</p> <p>VI-COAX-2408AB: 1,8kg</p> <p>VI-COAX-2416AB: 2,4kg</p>   |



## interfaces

|                       |  |
|-----------------------|--|
| copper ports          | VI-COAX-2400A: 1 x 10/100BaseT, RJ45<br>VI-COAX-2401A: 1 x 10/100BaseT, RJ45<br>VI-COAX-2404AB: 4 x 10/100BaseT, RJ45<br>VI-COAX-2408AB: 8 x 10/100BaseT, RJ45<br>VI-COAX-2416AB: 16 x 10/100BaseT, RJ45 |
| extender ports        | VI-COAX-2400A: 1 x coax, BNC<br>VI-COAX-2401A: 1 x coax, BNC<br>VI-COAX-2404AB: 4 x coax, BNC<br>VI-COAX-2408AB: 8 x coax, BNC<br>VI-COAX-2416AB: 16 x coax, BNC   |
| transmission cable    | 50Ohm: RG6, RG58A/U, RG58C/U, RG58U or equivalent<br>75Ohm: RG59 or equivalent   |
| Transmission distance | The maximum transmission distance when using the above cable types is approx. 500m.  |



## Product variants

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|                       |   |
|-----------------------|---|
| <b>VI-COAX-2400A</b>  | 1-channel device, mini design, camera side only<br>excl. power supply unit  |
| <b>VI-COAX-2401A</b>  | 1-channel device<br>excl. power supply unit   |
| <b>VI-COAX-2404AB</b> | 4-channel device<br>Power supply VI-0014AB included   |
| <b>VI-COAX-2408AB</b> | 8-channel device<br>Power supply VI-0014AB included   |
| <b>VI-COAX-2416AB</b> | 16-channel device<br>Power supply VI-0014AB included  |
| <b>VI-R1</b>          | 19" carrier for max. 10 pcs VI-UTP-2301A<br>incl. mounting material 19" and for the modules<br>excl. power supplies |

*Version 14.11.2022, Changes without notice*