



## Outdoor IP68 Weatherproof Enclosure with 350W Power Supply

TI-CA4K (v1.xR)

- Supports up to 16-port TRENDnet industrial switches
- IP68 weather rated enclosure
- IK10 impact protection
- Power supply supports up to 350W (55V DC, 6.3A)
- 20kA @ 8/20  $\mu$ s surge protection
- Rugged polycarbonate construction
- Wall mounting hardware included
- Add TI-BK01 or TK-BK02 bracket to use with TRENDnet's industrial switches, fiber converters, and PoE injectors (sold separately)

The TRENDnet Outdoor IP68 Weatherproof Enclosure with Power Supply, model TI-CA4K, is well suited for use with TRENDnet's line of industrial switches, fiber converters, and PoE injectors. The internal mounting holes of the outdoor network cabinet provide a safe and convenient way to install industrial devices while protecting them from the elements. An extreme operating temperature range of  $-30^{\circ} - 70^{\circ} \text{ C}$  ( $-22^{\circ} - 158^{\circ} \text{ F}$ ) allows for installations in very hot or cold environments. This durable, outdoor network enclosure comes with a power supply that provides up to 350W (55V DC, 6.3A) of power to industrial equipment, such as PoE switches, injectors and wireless access points.



### Outdoor Rated

This outdoor network enclosure is IP68 rated for outdoor use with TRENDnet industrial switches, fiber converters, and PoE injectors.



### Internal Mounting Design

The internal mounting design provides a safe and convenient way to install a DIN-Rail for mounting industrial devices while protecting them from the elements.



### Wide Temperature Range

A wide operating temperature range of -30° – 70° C (-22° – 158° F) allows for installations in extreme hot or cold environments.

## FEATURES



#### Outdoor Rated

IP68 rated for outdoor use with TRENDnet industrial switches, fiber converters, and PoE injectors



#### Impact Protection

This outdoor network cabinet features an IK10 impact protection



#### Power Supply

Provides up to 350W power to PoE and non-PoE devices



#### Surge Protection

20kA @ 8/20 μs surge protection



#### Wall Mount

This wall-mount network cabinet is designed to be installed on vertical surfaces



#### Internal Mounting Design

The internal mounting design of the outdoor network cabinet provides a safe and convenient way to install a DIN-Rail for mounting industrial devices while protecting them from the elements



#### Wide Temperature Range

A wide operating temperature range of -30° – 70° C (-22° – 158° F) allows for installations in extreme hot or cold environments



#### Housing Design

The outdoor network cabinet features a rugged polycarbonate construction with IP68 weather protection

NETWORKING SOLUTION

Power Supply  
Supports Up To 350W  
(55V DC, 6.3A)

IP68 Weather  
Rated Enclosure

Rugged Polycarbonate  
Construction

20kA @ 8/20  $\mu$ s  
Surge Protection

IK10 Impact  
Protection

Wall Mounting  
Hardware



IP68 rated for outdoor use with  
TRENDnet industrial switches,  
fiber converters, and PoE injectors

The TI-BK02 brackets allows you to  
seamlessly mount other compact  
TRENDnet industrial devices  
(Brackets sold separately)



## SPECIFICATIONS

### Hardware

- IP68
- IK10
- Polycarbonate
- FIPFG sealing (Gasket material: Polyurethane foam)
- Hinged door
- Waterproof door lock
- 11 cable glands
- Wall mount
- Flammability: UL 94 V-0
- UV resistance: UL 746C
- Salt spray: IEC 60068-2-52
- Halogen free

### Power

- Input: 100-240V AC
- Output: 350W, 55V DC 6.3A
- DIN-Rail: TS-35/7.5 or 15
- Solid wire (AWG): 12-24
- Stranded wire (AWG): 12-24
- 18 AWG power cable included

### Operating Temperature

- -30° – 70° C (-22° – 158° F)

### Operating Humidity

- Max. 95% non-condensing

### Dimensions

- 400 x 300 x 150mm (15.75 x 11.8 x 5.9 in.)

### Weight

- 3.7kg (8.2 lb.)

### Surge Protector

- Maximum Continuous Operating Voltage
  - Uc (Vac) 150
  - Ucpv (Vdc) 200
- Current Impulse (8/20µs)
  - In (kA) 20
  - Imax (kA) 40
- Voltage Protection Level (@In)
  - Up (kV) <0.8
- Temporary Overvoltage
  - TOV (V/5s) 175
- Working Current
  - IPE (mA) <0.1

### Certifications (for power supply)

- CE
- FCC
- UL 62368
- CB IEC 62368

### Warranty

- Case: Lifetime
- Power supply: 1 year
- Surge protector: 1 year

### Package Contents

- TI-CA4K
- Wall-mount accessories and power cable

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.