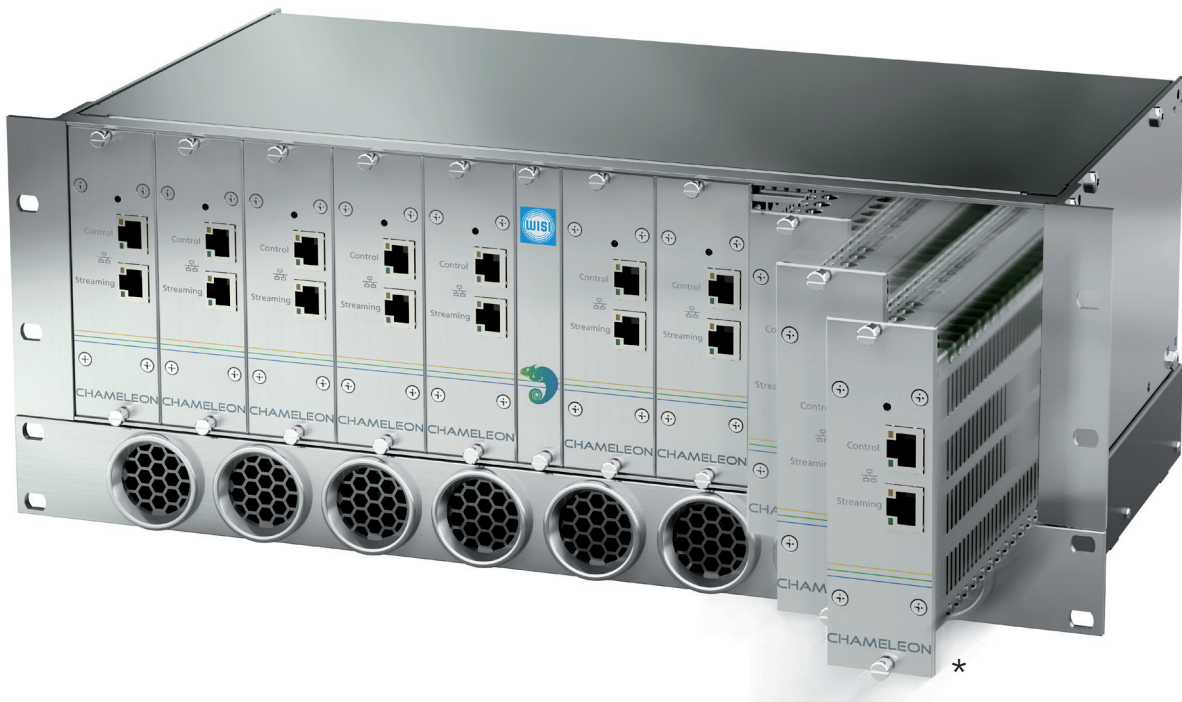




GN 40 0230

**WISI Chameleon** Base unit 3 HU + 1 HU  
for up to 10 GN HW Chameleon modules



\*The GN HW modules are not included in the scope of delivery.

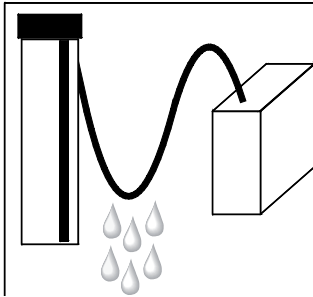
## Safety and installation notes – please observe

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### Caution

The mains voltage must match the rated input voltage of the unit (230 VAC).

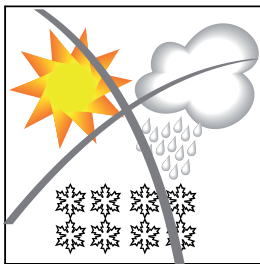


### Connecting cable

- Lay the cable so that no-one can trip over it.
- Lay the cable with a downward loop so that any water condensing on it can drip on the floor instead of running into the unit.

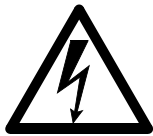
### Selecting the installation location

Excessive temperatures will reduce the operating lifetime of the unit. Don't install the unit directly above or in the vicinity of radiators or heating systems where it would be subjected to thermal radiation or oil vapours.



### Moisture

Water dripping or splashing onto the unit will damage it. If there is condensation on the unit, wait until this has evaporated before switching the unit on.

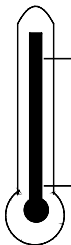


### Caution – danger!

In accordance with EN 60728-1, the satellite antenna system must comply with the safety requirements with respect to grounding, potential equalisation, etc.

### Service work

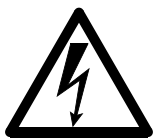
Service work may be carried out only by qualified personnel. Always disconnect the supply voltage before starting any such work.



**Ambient temperature** — below 50 °C.

### Thunderstorms

Avoid carrying out service work on the antenna system during thunderstorms.



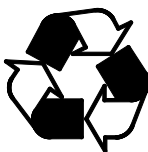
### Caution – danger!

Fuses may be replaced only by qualified personnel. Only fuses of the same type and rating may be used.



### Batteries

Do not throw exhausted batteries in the garbage. They must be disposed of separately.



All of our packing materials (cardboard boxes, packing notes, plastic films and plastic bags) can be recycled.

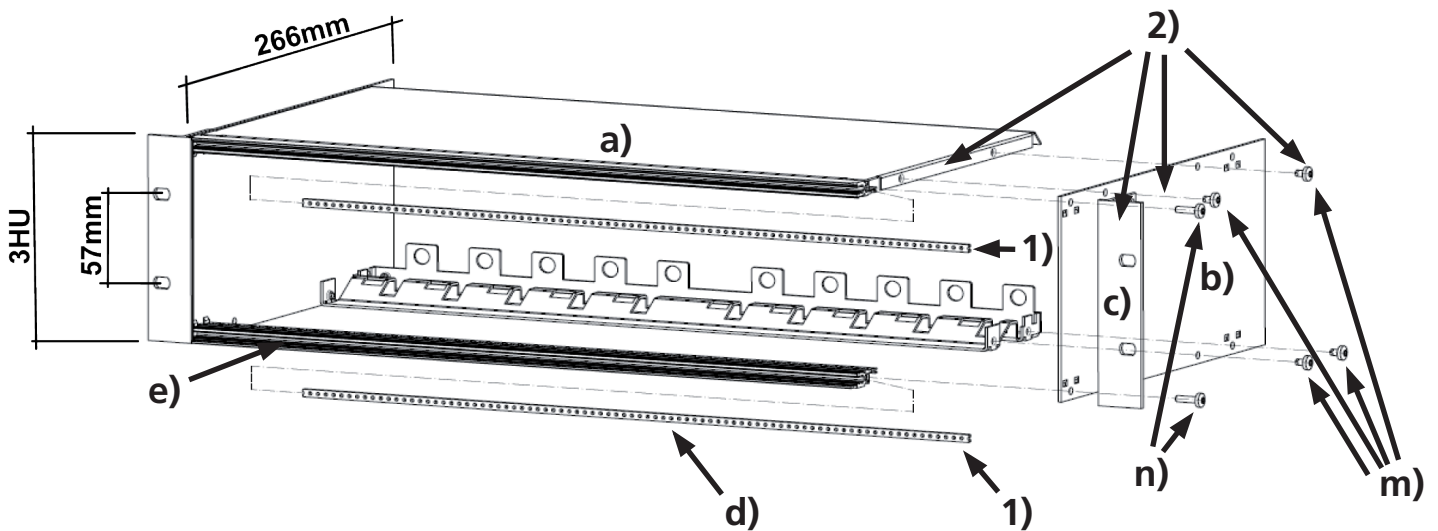
## Scope of delivery

- 1 pcs. top cover (a)
- 2 pcs. side cover (b)
- 2 pcs. fixture brackets (c)
- 2 pcs. thread rails (d)
- 2 pcs. guide tracks for adapting the thread rails (e)
- 1 pcs. guide track for holding the chameleons (f)
- 4 pcs. 4-edge shim and 1 flat headed screw for ground connection (g)
- 1 pcs. blind-cover plate with Logo for covering the middle slot, always needed (h)
- 2 pcs. blind-cover plates 4-point, for covering the unused slots (k)
- 1 pcs. DC-power-connection (m)
- 1 pcs. AC-power-connection
- 2 pcs. Earth / Ground connection
- 4 pcs. Screws for installation, M5x16 (n)
- 8 pcs. Screws for installation, M5x8 (m)

## Assembling

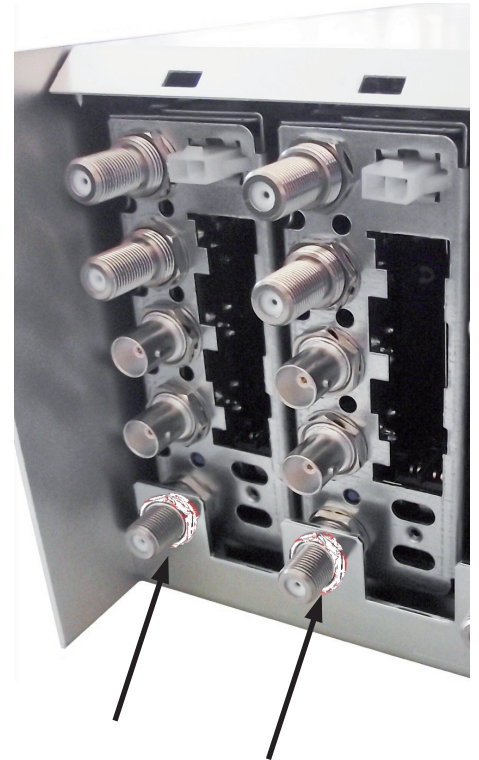
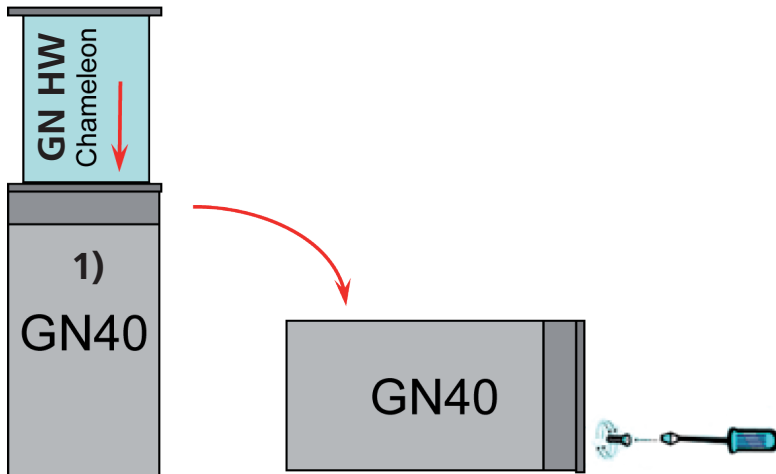
Assemble the housing with the delivered screws like the following drawing:

- 1) Adapting the thread rails inside of the 2 guide tracks
- 2) Fix the side- and top- cover with the side fixtures to the 3 guide tracks using the delivered screws.



## Assembling the chameleon-units

1. Turn the GN 40 on the backside and insert the chameleon modules.
2. Turn the GN 40 on the bottom side and fix the chameleon-modules at their back with the delivered screw-nuts.



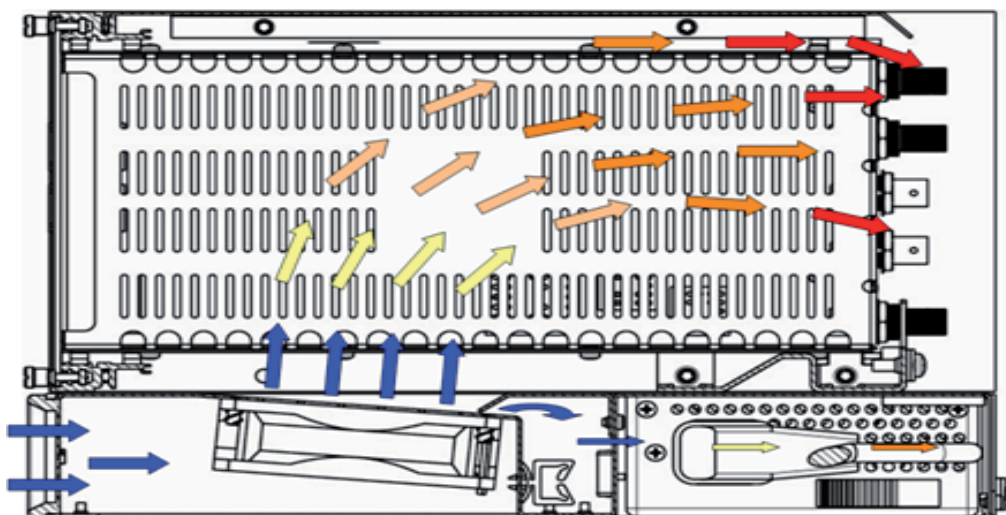
## Ventilation of the chameleon-units

The ventilation is important to prevent the over heating of the chameleon modules.

Ensure that the ventilation-ways are free!

Ensure that the top-cover is mounted.

Ensure that there is free space at the rear side.

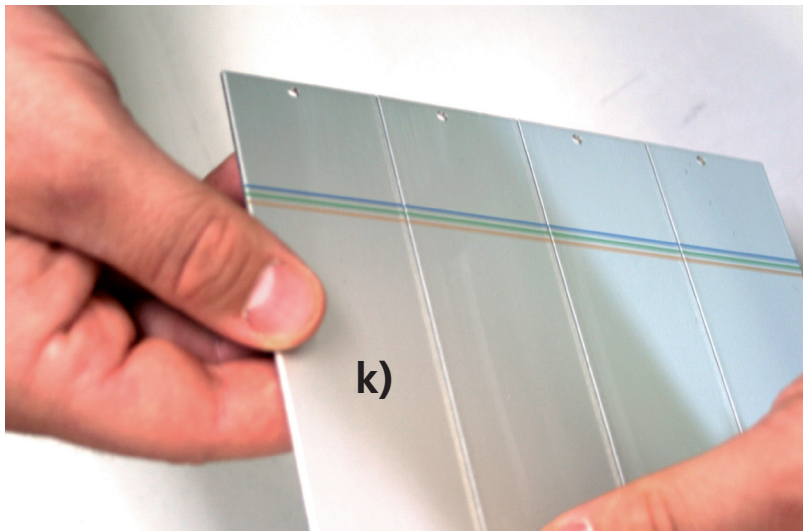


### **Fan /Power -unit:**

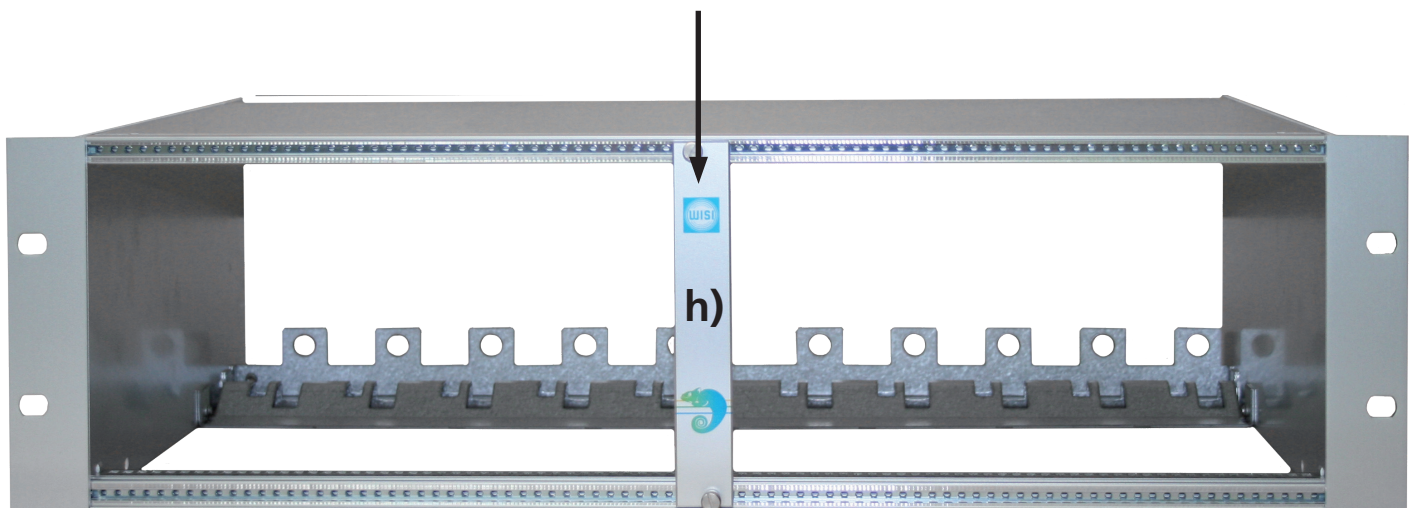
Install the fan /power unit in the 19" rack and install the GN 40 unit on top of it with the delivered screws.

### **Blind-cover plates:**

Crack the blind-cover plates for cover the unused slots of the GN 40 and fix it on the housing with the screws.



**Important,**  
the Logo-blind cover (h) must be  
assembled in the middle for ventilation!

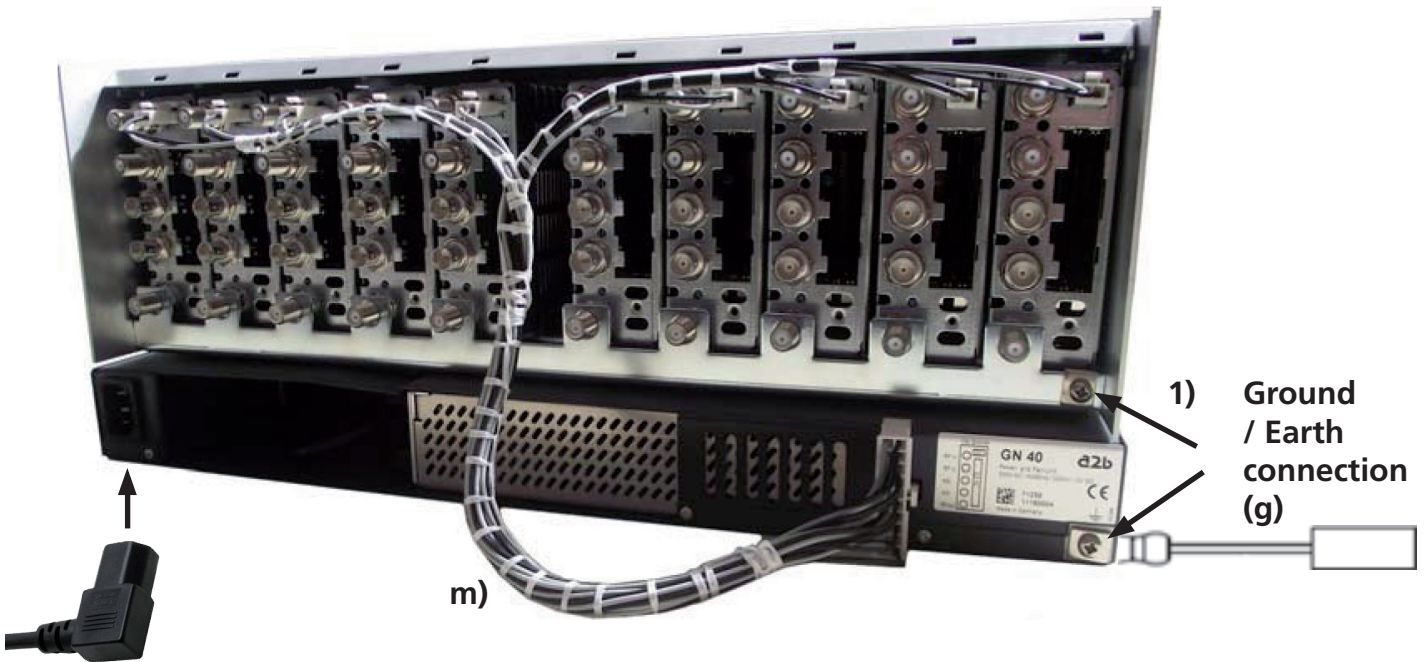




## Connecting the cables:

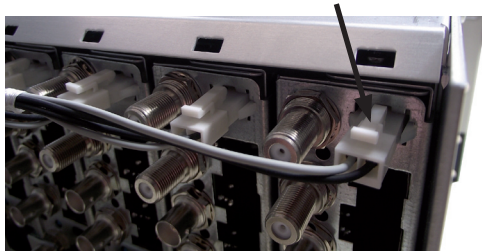
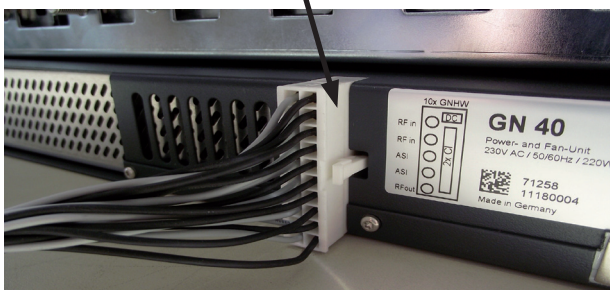
Insert the Chameleon modules in the GN 40 and fix the screws

- 1) Connect the ground/earth to the GN 40 and the fan-unit with the 4-edge shim and flat headed screw.
- 2) Connect the AC Power cable to the power unit
- 3) Connect the DC-power supply to the modules and fan unit on the backside with the delivered cable harness.
- 4) Connect the inputs and outputs to each chameleon module on the backside.
- 5) BNC cables are available in different lengths (GN11 0025 , GN11 0100) for ASI and SDI connections on BNC1 and BNC2 connectors.)

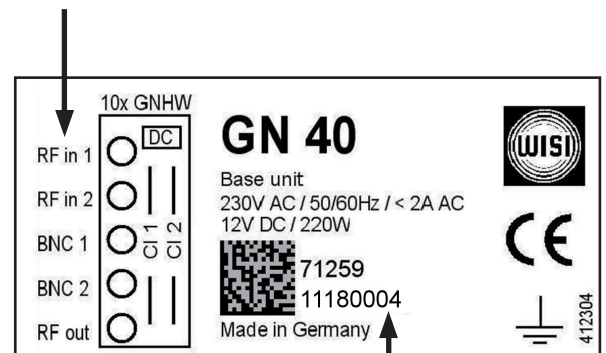


2) AC-Power supply

3) DC-Power supply



4) Connectors



Serial No.

## **Important information**

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- Operation of the GN 40 is only allowed while the fan-unit is running.
- The chameleon module includes a temperature-sensor, so if it is too hot for the chameleon module, it stops running without a warning signal.
- If the fan-unit is running, the DC-power unit works correctly
  
- There is no guide rail for the rack needed, the GN40 is able to install it directly on the fixture brackets

## **Changing the power supply**

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- Disconnect the AC and DC Power cables and remove the power-supply-unit
- Set in the new Power-supply-unit and connect the cables like it was on the old one.



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