NavLinkz Dual AHD/CVBS, PAL/NTSC Camera

CAM-2X161MW

Delivery content

Camera with
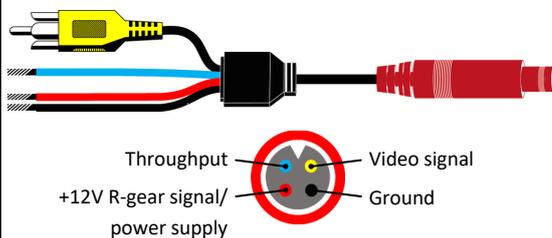2x cable 0.50m

Screws

Gasket

2x System cable
extension 10.00m

2x Connection cable 0.40m

Installation

Throughput
+12V R-gear signal/
power supply
Video signal
Ground

Note: If the camera is powered by reverse gear lamp signal, we recommend to install a relay between the power supply of the reverse signal and the power supply of the camera, to ensure a stable and uninterrupted power supply and to avoid vehicle computer errors. The **throughput wire** can be used to connect the reverse gear lamp signal from back to front.

In case the isolation of the camera is harmed in the moisture section close to the camera, it is mandatory to repair the isolation. Otherwise the camera will inevitably become moist inside sooner or later.

Do not expose camera to high pressure cleaners.

Produkt features

- Dual-camera for vertical mount on
- 1/4 inch CMOS Sensor-type, video-output switchable between:
  - CVBS NTSC
  - CVBS PAL
  - AHD 1080p 30Hz [NTSC]
  - AHD 1080p 25Hz [PAL]
- Aperture F1.36
- Light sensitivity 0.02 Lux
- Close-up camera angle H=160°, V=90°, D=185°
- Long-range camera angle H=95°, V=50°, D=110°
- Mirrored picture (fixed)
- Protection class IP69
- Mini 4pin-BM system harness, integrated throughput wire (blue)
- 2x 9.80m total system cable length, consists of:
  - 2x 0.95m cable fixed on camera to female 4pin-BM (Ø 5mm)
  - 2x 8.00m extension cable male 4pin-BM to female 4pin-BM
  - 2x 0.45m adapter male 4pin-BM to male RCA and power wires

Specifications

- Dual camera (without thread tube) 40 x 64 x 50mm (W x H x D)
- Operating voltage +12V DC
- Current consumption max. 120mA
- Operating temperature range -30°C bis +75°C
- Storage temperature range -40°C bis +80°C

Camera configuration (cut wire loops as desired)

V1 out CVBS Signal

V1 out AHD 1080p Signal

V1-out NTSC [30Hz] Signal

V1-out PAL [25Hz] Signal

V2-out CVBS Signal

V2-out AHD 1080p Signal

V2-out NTSC [30Hz] Signal

V2-out PAL [25Hz] Signal

The signal type of the video-output (V-out) must be set via combined setup of red, blue, purple and black cable loops, to fit the video target's input specifications:

- **Red and purple loop** decides **CVBS** or **AHD 1080p** video-output.
- **Blue and green loop** decides **NTSC [30Hz]** or **PAL [25Hz]** video-output.

Example:

Red loop cut + **blue loop** cut —> Video-output = **AHD1080p PAL [25Hz]**

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