

Product information

DCM Cylinder camera 58°

TK 420 FZK 58



Safety instructions



Assembly, installation, and commissioning must only be carried out by a qualified electrician!

For work on systems with 230 V AC mains current the safety requirements of DIN VDE 0100 must be observed.

When installing DCM BUS systems the general safety rules for telecommunication systems in accordance with VDE 0800 must be observed:

- separate cabling for high and low voltage lines
- minimum distance of 10 cm for joint cabling arrangements,
- use of separators between high and low voltage lines in joint cable ducts,



Suitable lightning prediction must ensure that a voltage of 32 V DC will not be exceeded at the DCM BUS wires a and b.

Application / Brief description

Application

- Colour cylinder camera for the use in DCM video installations
- Connection exclusively to DCM camera interface 2-wire ref.-no.TKVS21U
- For the indoor and out door use

Brief description

- weather-proof cylinder camera in a metal housing with lens
- high quality CCD-Chip technology
- automatic shutter operation (ESC), automatic backlight function (BLC) and automatic gain control (AGC) enables the indoor use and the outdoor use with extreme sunlight
- with sun roof for shading the lens

Installation and connection

Installation

The camera comes with a wall / ceiling bracket, allowing a smooth and professional installation of the cylinder camera.

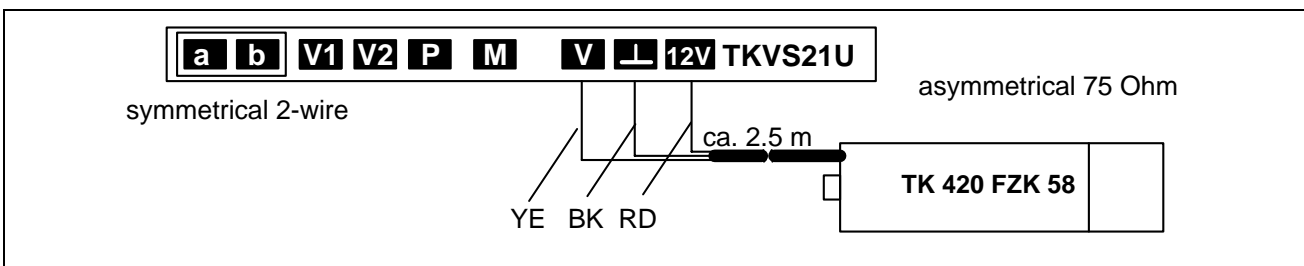
Before commissioning remove protection foil of the lens.

Installation note

When installing in outdoor areas:

- Avoid direct solar radiation into the lens. Use the sun roof.
- Do not disconnect the power supply because the camera is equipped with an internal heating system.

Connection



Wiring example see TKVS21U

YE = yellow

BK = black

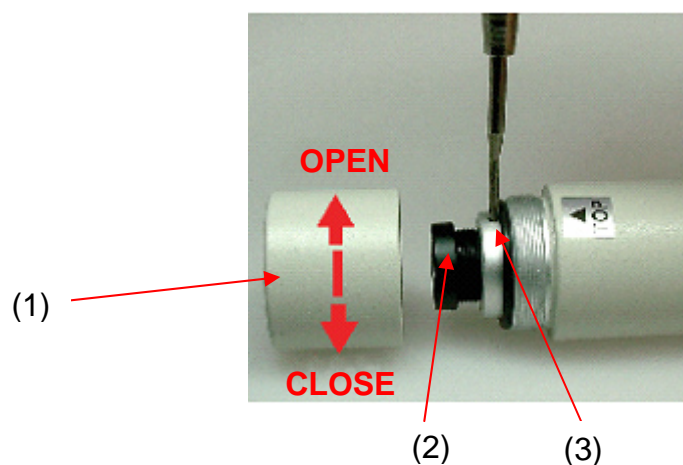
RD = red

Important note for connection

Do NOT extend the wire of the camera !

Focus settings

- Remove protection cap (1)
- loose screw (3) with 1.5 mm screwdriver
- Turn the lens (2) slowly to the left or right, until the image is focused
- Tighten the screw (3) to fix the lens
- Put on the protection cap (1)



Technical data

Supply voltage:	12 V DC supplied with TKVS21U
Input current:	I(Pmax) = 100 mA
Gehäuse:	Kunststoff
Dimensions:	Ø 25 x 79 mm
Housing:	metal housing aluminium, lacquered
Colour:	fawn
Cable length:	ca. 2.5 m
Weight:	60 g
Protection level:	IP 68
Sun protection	sun roof
Ambient conditions	
Ambient temperature:	- 30 °C ... + 50 °C
Humidity:	up to 100 %
Resolution:	420 TVL, Video standard PAL (521 x 581 Pixel)
Min. ambient brightness:	0,25 Lux / F 1,4
Image converter:	1/3" CCD Sharp
TV standard:	PAL
Video output signal	FBAS 1Vss / 75 Ohm
Detection angle:	58°
Detected distance:	0.5...3 m

Troubleshooting

Camera does not deliver an image

- The monitor is switched off
- mixed polarity of power supply
- Video wire is interrupted
- protection foil is not removed

Camera image is not focused

- adjust the focus settings of the lens

Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.
Please return the unit postage paid to our central service department giving a brief description of the fault:

ALBRECHT JUNG GMBH & CO. KG

Service-Centre

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44532 Lünen
Germany

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Fax: 0 23 55 . 80 61 89
E-Mail: mail.vka@jung.de


Technique (DCM)

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 The CE-sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

Technical subjects to change.
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