

Fiber Cam

A complete camera system

Rioned

Setting the standard



- Robust camera which can be customized with many options
- Standard or self levelling camera head with sapphire glass and LED lamps for maximum illumination
- Clear picture
- Record directly onto a USB memory stick
- Automatic and manual light control
- 50 meter glass fibre rod of 7,4mm
- For drains from Ø 70 - 250 mm
- 90°-curves from 100 mm
- Reliable and service-friendly



F i b e r C a m

The FiberCam is a robust camera that works very well in larger drains and sewers around houses and commercial premises. Special guides are available, some with brushes which keep the camera centralized inside the pipes.

The FiberCAM is suitable for drains from Ø 70 - 250 mm and will negotiate right angle bends from Ø 100 mm. A 130° angle objective guarantees exceptionally good vision on curves.

Maximum brightness

Dozens of LED lamps in the camera head provide maximum brightness. A modified current regulation circuit board keeps the current supply constant in order to prevent waste energy. LED's do not produce much heat and therefore are longer lasting. The lighting level can be adjusted manually as well as automatically.



Self-levelling camera head for constant upright image



Camera head with integrated mini-transmitter 512 Hz or 33 kHz



8.4" high resolution TFT screen with USB data recorder (MPEG4). Just plug in a USB memory stick and press record

Service-friendly

The FiberCam is robust and stable, with

- durable frame
- waterproof aluminium control box, protection class IP66
- camera head of stainless steel
- shock proof exposure print plate
- sapphire glass protection which can easily be changed
- closed and maintenance free flange bearing
- maintenance free friction rings
- cable guide by means of 4 maintenance free rollers



Available with several guides, with or without brushes, to centralize the camera head.

Clear picture

This camera provides a very good image. The optional self levelling camera head gives a continuous upright image.

Equipment

The FiberCam standard equipment:

- camera head of stainless steel
- reel with 50 m flexible glass fiber push rod 7,4 mm
- reel break by means of adjustable clamp
- automatic and direct light regulation
- powder coated frame with anti slip and anti scratch rubber feet
- transformer 12 volt integrated in reel
- maintenance free friction rings
- box for connection and power cables

Optional

- guides for several drain diameters
- 8,4" high resolution TFT monitor with USB connection for digital recording (MPEG4)
- electronic meter counter
- word processor in combination with electronic meter counter
- mini transmitter 512 Hz / 33 kHz build in camera head for precise tracking (in combination with the RioTrack receiver)

Technical details

Usable	Pipes with Ø from 70 - 250 mm, 90°-curves from 100 mm
Cable length	50 m (glass fibre push cable) of 7 mm on hose reel
Camera head	50 mm length, Ø 55 mm
Rollers	Aluminum, NW150-200
Light sensitivity	1 Lux (LED white light) per LED
Transformer	12 Volt (integrated in hose reel)
Connectable to	Most monitors, PC's and laptops with video-in connection.

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