

# INSPECTOR® 48 Easybox

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**Inspector® 48**  
Robust for the inspection of pipes from 75 to 400 mm



**Reel**  
·combi-cable  
·ø8/4.5 mm  
·cable length 30-60 m  
·guide holder



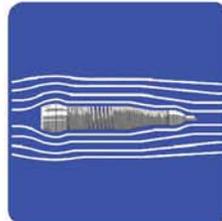
**Easybox DVR**  
·text entry  
·10.4" LCD display  
·DVR recorder USB  
·USB interface laptop

FUNCTIONALITY >

< INSPECTION SYSTEM



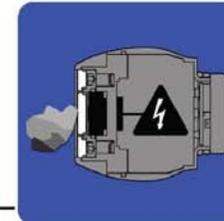
90 degree bends from ø75 mm



Streamlined shape for optimum feed-through



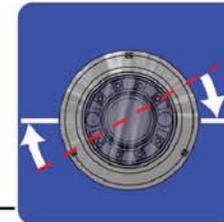
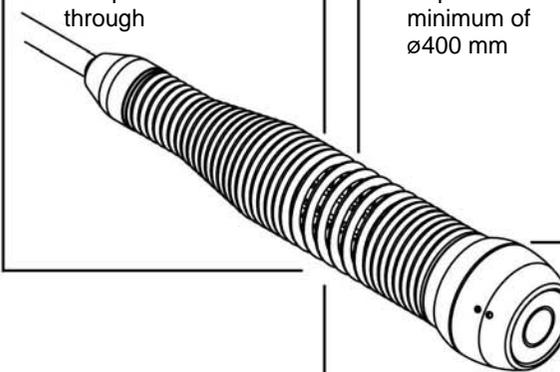
Guides for inspections to a minimum of ø400 mm



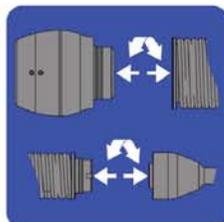
Double-sealed to protect electronics after glass breakage



Holder for guides



Self levelling (horizon correction)



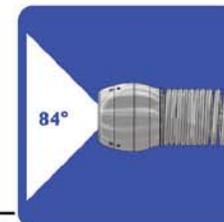
Exchangeable head and spring



Transmitter 512 Hz (optional)



8 super bright white LEDs



Large viewing angle (84°)

The *Inspector® 48* has a very robust camera head with an extremely high light yield. Your inspections are thus displayed clearly and true to life. The shapes of the head and spring are streamlined, so that the *Inspector® 48* can be fed through even easier. The working range is from 75 mm to at least 400 mm!!!

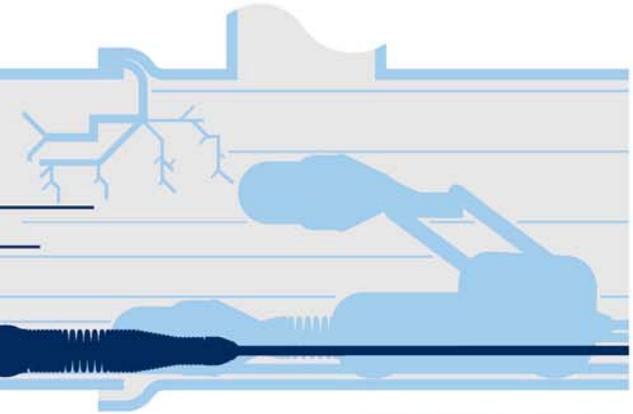
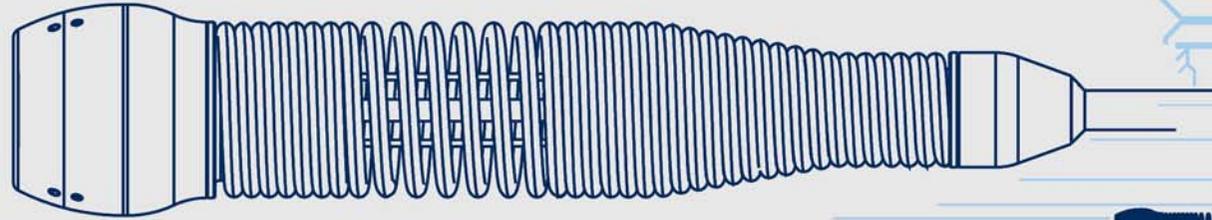
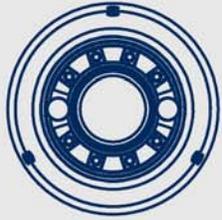
### Operation and functionality

Due to the feature known as the self-levelling function, also called horizon correction, the image always remains 'upright' while the camera head is fed through a pipeline. It is therefore always clear where the bottom of the pipe is and whether the camera head has gone to the left or right after going round a bend. The 8 super bright LEDs are controllable, so that the pipe may be fully illuminated. If you choose to have the optional 512 Hz transmitter you are able to trace the camera head from above ground. The camera head and spring may be detached from the combi-cable very straightforwardly.

The *Inspector® 48* may easily be connected to an *Easybox®*. With the *Easybox®* you can view the images, enter texts and record everything on USB. It is also possible to provide only a video output on the reel so that you can connect your own monitor

Check the demo movie:  
[www.camtronics.nl/download/48.wmv](http://www.camtronics.nl/download/48.wmv)





# INSPECTOR<sup>®</sup> 48 Easybox



**Guide 70**  
for pipes  
from 110 mm



**Guide 142**  
for pipes  
from 160 mm



**Guide 170 Sledge**  
for pipes  
from 200 mm



**Inverter**  
from 12V to  
230V

## SPECIFICATIONS >

### Inspector<sup>®</sup> 48

material	stainless
diameter (external)	48 mm
length	46 mm
color CCD camera	450 TV lines
objective	f2,5 2,0
viewing angle	(hvx) 84° x 62°
focus	fixed
glass	(hardened) 3 mm
lighting	8 super bright white LEDs
light sensitivity	1 Lux
waterproof	maximum 5 bar
horizon correction	automatically
transmitter	512 Hz in spring (optional)
temperature (usage)	-10 - 45 °C
temperature (storage)	-10 - 60 °C

### Reel

dimensions	55x27x65 cm
material	metal galv., aluminium
weight	8 kg (30 m cable)
brake	adjustable
holder	for camera, for guides
cable	combicable glasfiber/electric
diameter of combi-cable	7,5 mm
cable length	30 - 60 m
meter counter on screen	prepared
cable monitorbox	3 m with connector

### Easybox DVR

dimensions	52x38x22 cm
monitor	10,4" TFT LCD
monitor viewing angle	mechanical adjustable
light control	electronic
power in (mains)	230V AC ground conn.
video in/out	BNC
meter counter on screen	included
textgenerator with small PC keyboard	included
DVR with remote control	included
USB interface, digitize images with software	included
user interface	remote control and OSD
languages	EN, DE, NL, ES, FR, IT
recording functions	record (pause), OTR
video format	.MPG (MPEG codec)
frame rate	25 fps (PAL)
recording USB stick (max)	16 Gb
memory recording capacity	approx. 30 min/Gb
recording bit rate	approx. 4 Mbps
recording resolution	720x576 pixels (D1)
temperature (usage)	0 - 45 °C
temperature (storage)	0 - 50 °C
weight	10,5 kg

## < ACCESSORIES

**Inspector<sup>®</sup> development philosophy**  
Inspector<sup>®</sup> systems are developed to reflect the end user's requirements. During development, continuous improvement of ease of use and functionality is aimed at. In this, productivity of use is key. Durability is essential and is also tested in our test centre. The necessary wear components are easily replaceable by you or by our service centre.

### Service

A camera system is used in severe circumstances. Service and maintenance is thus essential. Our own service centre in Son (near Eindhoven, the Netherlands) can assist you in this. Repair time is thus minimal and you are informed in advance about the costs. If desired, loan/ hire systems are available.

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**Camtronics**  
FOCUSED ON CAMERA SOLUTIONS

[www.camtronics.nl](http://www.camtronics.nl)

**Inspector<sup>®</sup> systems are a Camtronics BV product. Customer-specific modifications are therefore possible!**