

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

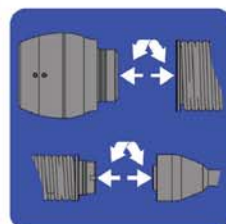
FUNCTIONALITY >
< INSPECTION SYSTEM



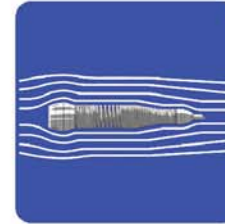
90 degree bends from ø75 mm



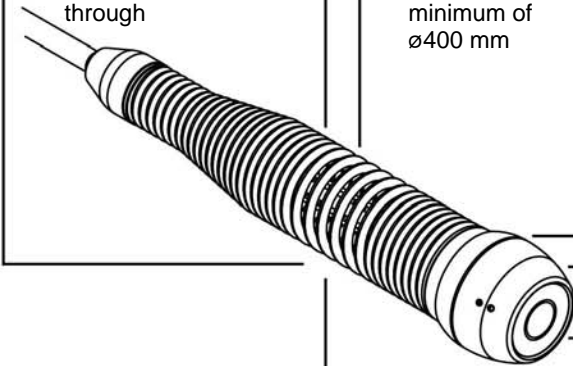
Holder for guides



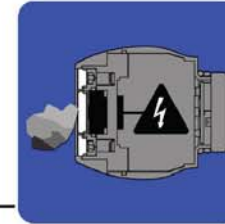
Exchangeable head and spring



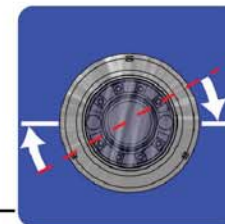
Streamlined shape for optimum feed-through



Guides for inspections to a minimum of ø400 mm



Double-sealed to protect electronics after glass breakage



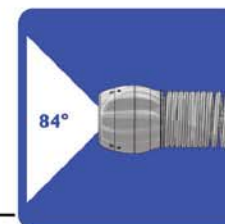
Self levelling (horizon correction)



Transmitter 512 Hz (optional)



8 super bright white LEDs



Large viewing angle (84°)

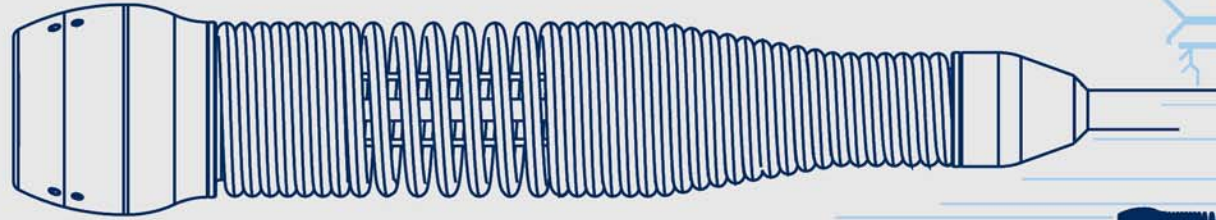
The *Inspector® 48* has a very robust camera head with an extremely high light yield. Your inspections are thus displayed clearly and true to life. The shapes of the head and spring are streamlined, so that the *Inspector® 48* can be fed through even easier. The working range is from 75 mm to at least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



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INSPECTOR[®] 48 Easybox

98325356



Guide 70
for pipes
from 110 mm

98325380



Guide 142
for pipes
from 160 mm

98326346



Guide 170 Sledge
for pipes
from 200 mm

98322263



Inverter
from 12V to
230V

SPECIFICATIONS >

Inspector[®] 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 user interface	included
languages	remote control and OSD EN, DE, NL, ES, FR, IT record (pause), OTR
recording functions	.MPG (MPEG codec)
video format	25 fps (PAL)
frame rate	16 Gb
recording USB stick (max)	approx. 30 min/Gb
memory recording capacity	approx. 4 Mbps
recording bit rate	720x576 pixels (D1)
recording resolution	0 - 45 °C
temperature (usage)	0 - 50 °C
temperature (storage)	10,5 kg
weight	

< ACCESSORIES

Inspector[®] systems are a Camtronics BV product. Customer-specific modifications are therefore possible!

Inspector[®] development philosophy
Inspector[®] 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
FOCUSSED ON CAMERA SOLUTIONS

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