



# INSPECTOR<sup>®</sup> 36 Junior

98325950



**Inspector<sup>®</sup> 36**  
Very robust and flexible camera head for pipelines from 50 mm

**Monitor**  
 · 5.6" display  
 · ready for use immediately  
 · adjustable viewing angle  
 · SD-USB recording (optional)



**Reel**  
 · combi-cable  
 · ø 8/4.5 mm  
 · cable length 30 m  
 · guide holder

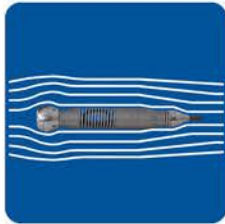
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FUNCTIONALITY >

< INSPECTION SYSTEM



90 degree bends from ø50 mm



Streamlined shape for optimum feed-through



Guides for inspections to at least ø200 mm



Rounded corners for optimum feed-through



Large viewing angle (100°)



Guide holders



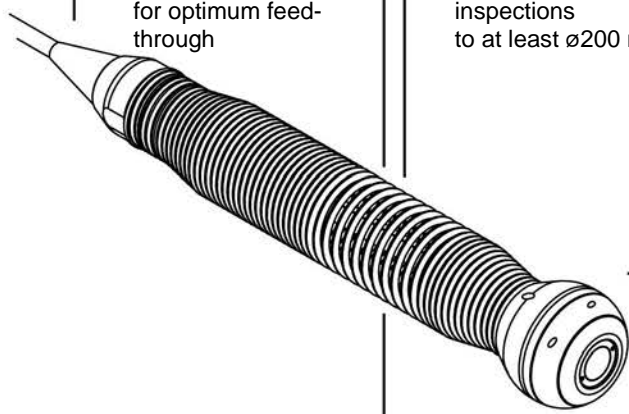
Transmitter 512 Hz (optional)



6 super bright white LEDs



Very robust spherical head



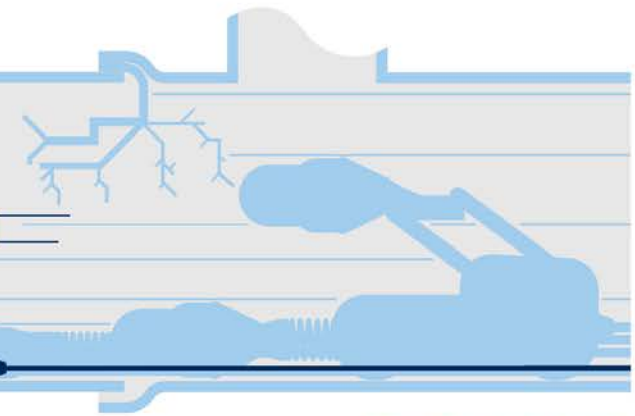
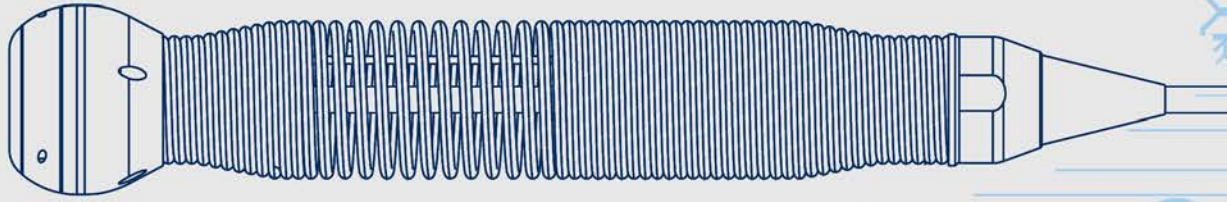
The robust *Inspector<sup>®</sup> 36* is very suitable to inspect smaller pipelines thoroughly. The spherical camera head with flexible spring goes easily through right-angle bends from a diameter of 50 mm. Blockages and damage to pipes can thus be traced adequately. The working range of the camera is from 50 to at least 200 mm.

**Operation and functionality**  
 The *Inspector<sup>®</sup> 36* has a combi-cable with a diameter of 8 mm, while the internal fibre that ensures the stiffness is 4.5 mm thick. The combi-cable with camera head is thus suitable to be pushed through a right-angle bend of 50 mm. The sloping shape of the camera head assists the feed-through. There are two guides available with which the camera head comes to sit higher in the pipe. These can easily be taken along on the reel. If you choose to have the optional 512 Hz transmitter you are able to trace the camera head from above ground. The *Inspector<sup>®</sup> 36 Junior* is supplied with a compact display screen. Which, optionally, can be ordered with SD-USB recording. This allows the system to be put into use quickly and you can immediately view the images. 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/36.wmv](http://www.camtronics.nl/download/36.wmv)



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# INSPECTOR<sup>®</sup> 36 Junior

98330033



**Guide 50**  
for pipes  
from 75 mm

98330034



**Guide 70**  
for pipes  
from 110 mm

98322263



**Inverter**  
from 12V to  
230V

98325171



**USB video  
adapter**  
digitize images  
with software

## SPECIFICATIONS

### Inspector<sup>®</sup> 36

material	stainless
diameter (external)	36 mm
length	29 mm
color CCD camera	450 TV lines
objective	f2,1/F2,5
viewing angle	(hvx) 100° x 82°
focus	fixed
glass	(hardened) 2 mm
lighting	6 super bright white LEDs
light sensitivity	1 Lux
waterproof	maximum 5 bar
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	7 kg (30 m cable)
brake	adjustable
holder	for camera, for guides
cable	combicable glasfiber/electric
diameter of combi-cable	8 mm with 4,5 mm glasfiber
cable length	30 - 50 m
meter counter on screen	prepared
cable monitorbox	3 m with connector

### Controlbox on reel

dimensions	170x120x55 mm
housing	aluminium
light control	electronic
power in (mains)	230V AC ground conn. BNC included
video out	meter counter on screen
temperature (usage)	0 - 45 °C
temperature (storage)	0 - 50 °C
weight	approx. 850 gr

### Display on reel

dimensions	182x136x61 mm
housing	aluminium anodized
monitor	5,6" TFT LCD
monitor viewing angle	mechanical adjustable
recording	SD-USB + photo/video (optional)
video in	PAL
meter counter	on screen adjustable
sun cap	adjustable
temperature (usage)	0 - 45 °C
temperature (storage)	0 - 50 °C
weight	approx. 1 kg

## ACCESSORIES

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

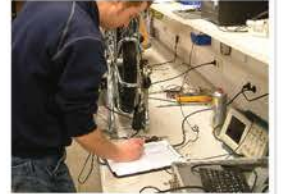
**Inspector<sup>®</sup> development philosophy**  
Inspector<sup>®</sup> systems are developed to reflect the end user's requirements. During development, continuous improvement of ease of use and functionality is aimed at. In this, productivity of use is key. Durability is essential and is also tested 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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