

### Endocamera CCD color FV35 HQ

Compact high-resolution video camera specially developed for endoscopy video applications.

Equipped with a 1/2" sensor and an automatic electronic shutter, it allows the inspection of places with changing brightness. Very light (about 160 gr) with its shockproof housing, it will be ideal in workshop application, Research & Development or even in external maintenance intervention.

The video coupler (option) is compatible with all our rigid and flexible endoscopes.

Our FV35-HQ endocamera is compatible with our Rugged (3.5") and P1 (7") videoscopes.

The TVSCOPE adapter allows it to be connected to an external monitor.

Dust proof and shock resistant



(Coupler in option)

#### Technical data

CCD sensor	1/2" SONY
Resolution	800 TVL
White balance	Automatic
Video signal	PAL / NTSC
Power	12 DVC - unique cable
Connection	Integrated Video coupler
Dimensions	Ø 50 mm x 90 mm
Weight	160 gr (without cable)
Working temperatures	0°C to + 40°C

#### To order

Part No	Description
618 000 184	Bipol FV35 HQ endocamera C-MOUNT - P1/RUGGED
P1	P1 videoscope - 7" screen
B-Rugged	Rugged videoscope - 3.5" screen
P1 - VID	Case for BIPOL Video Kit
619 000 008	Industrial Monitor 17" - 1280x1024 px BNC/HDMI/VGA
619 000 012	Industrial Monitor 19" - 1280x1024 px BNC/HDMI/VGA
TV-SCOPE	External Monitor Connection Kit (requires BL-12V-AL)
BL-12V-AL	Power supply for BL-12V & FV35 HQ



Industrial Monitor

17"

19"

P1 videoscope



7"

Rugged videoscope



3.5"

Our FV35 HQ camera can be used with either our portable videoscopes P1 & Rugged or with a workbench monitor.

### Video couplers

Our video couplers allow you to connect an endoscope to a C-Mount CCD camera to view live images on a monitor. They offer an extra wide field of view and are available in 35mm & 50mm focal lengths (macro).

Designation	Focal length	Mount	Part No
<b>Coupler F : 35mm</b>	Adjustable	C-Mount / ISO 32mm	618 000 102
<b>Coupler F : 50mm</b>	Fixed	C-Mount / ISO 32mm	604 000 211



### BIPOL portable video kit

The Bipol portable video kit is ideal for on-site inspections.

The system is composed of a waterproof CCD camera and a 7" P1 or 3.5" Rugged video monitor.

The camera is self-powered by the BIPOL portable monitor.

Waterproof (dust for the camera), the set can be used in difficult conditions and is easily transportable. The kit comes in a case with preformed foam to protect all the elements of the kit.



Endoscope & light source sold separately.



Endoscope & light source sold separately.



Dust proof



Coupler in option



High resolution compact video camera specially developed for video endoscopy uses.

#### To order

Part No	Description
618 000 184	Bipol FV35 HQ C-MOUNT endocamera - P1/RUGGED
P1	P1 Videoscope- 7" screen
B-Rugged	Rugged Videoscope - 3.5" screen
P1 - VID	Suitcase for BIPOL Video Kit
619 000 008	Industrial monitor 17" - 1280x1024px BNC/HDMI/VGA
619 000 012	Industrial monitor 19" - 1280x1024px BNC/HDMI/VGA
TV-SCOPE	External monitor connection kit (requires BL-12V-AL)
BL-12V-AL	Power supply for FV35 HQ camera

Our P1 & Rugged videoscopes provide a response to the needs of today's remote visual inspection. Offering high resolution and numerous viewing options, they accept a very wide choice of interchangeable, rigid, flexible, semi-rigid or articulable probes. They represent a perfect tool in sectors as varied as energy, construction, industrial and nuclear maintenance, pharmaceutical industry, security forces or railway industry for example.

## BIPOL RUGGED Videoscope

### **RUGGED**

The Bipol Rugged videoscope is a lightweight and robust remote visual inspection system.

#### Main features :

- 3.5" LCD screen 720x640pixels
- Digital zoom 8x
- Image rotation
- Mirror image
- Water and dust proof
- 16 GB SD card for image and video recording
- Long lasting rechargeable battery



## BIPOL P1 VIDEOSCOPE

### **P1**

The BIPOL Videoscope P1 is a high resolution lightweight and robust portable video endoscope.

#### Main features :

- Large 7" screen 800x480 pixels
- Text annotation
- Digital zoom 4x
- Wireless handle in option
- Long lasting rechargeable battery
- Waterproof (IP67) and drop proof (2m) robust construction
- Optimized for left and right handed users
- 32 GB SD card for still images and video recording

