

## Video accessories

### CCD BIPOL Endocamera FV 35 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.



(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



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 F:35 & F:50 mm

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
Coupler F : 35mm	Adjustable	C-Mount / ISO 32mm	618 000 102
Coupler F : 50mm	Fixed	C-Mount / ISO 32mm	604 000 211



### USB3V Camera

Compact high-resolution video camera (1080p) specially developed for endoscopy video applications.

The camera can be used with any PC with USB2.0 port. The supplied viewing software is very simple to use, and has many adjustable settings, which are often required for endoscopy.

Equipped with a 1/2" sensor and an automatic electronic shutter, it allows the inspection of places with changing brightness.

Very small and very light (about 35 gr), it will be ideal in workshop application, Research & Development or even in external maintenance intervention.



### Technical data

CCD sensor	1/2" SONY
Resolution	1920 x 1080
White balance	Automatic / Adjustable on screen
Video signal	PAL / NTSC
Power	USB 2.0
Connection	C-Mount
Dimensions	32x32x23 mm
Weight	35 gr
Working temperatures	-10°C to + 50°C

### To order

Part No	Description
CCD-USB3V	Bipol CCD camera 1080p USB connection (supplied video coupler C-Mount)
CCD-USB3V-S	Bipol CCD camera 1080p USB - C Mount connection
618 000 102	Video coupler C-Mount

Our camera easily connects to a laptop computer via a USB port.



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

