MAGNIFIERS WITH ILLUMINATION

- Glass lens
- Powered by 3xAAA batteries (included)

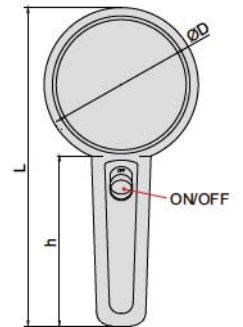2pcs LED

(mm)

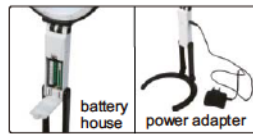| Code	Magnification	Lens diameter (ØD)	L	h
7513-2	2X	Ø75mm	170	90
7513-4	4X	Ø50mm	145	90

7513-2

7513-4

ON/OFF

THREE WAYS MAGNIFIER WITH ILLUMINATION

- Plastic lens
- Powered by 2xAA batteries (included) or power adapter (110~240V, 50~60Hz)

battery house

power adapter

three-way use

10pcs LED

Unit: mm

170

2X   4X

VIDEO

ON/OFF

280

130

45

7512-1

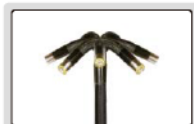| Code	Magnification	Lens diameter (ØD)	Lens diameter (Ød)
7512-1	2X/4X	Ø120mm	Ø28mm
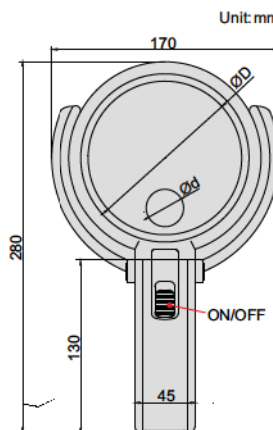
MOTORIZED 360° SWIVEL VIDEOSCOPES

IP65 WATERPROOF

ATTENTION: THE CABLE CAN BE BENT BUT CAN'T BE SET AT A FIXED SHAPE

TUNGSTEN WIRE WEAVED CABLE RESISTANCE TO BREAK AND WEAR

bend in any direction

360° swivel in clockwise and counter-clockwise

120°   120°
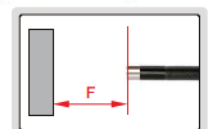
bend within ±120°

VIDEO

4.3" LCD

take video
take picture
motorized joystick

lens with LED adjustable illumination

tungsten wire weaved cable length: 1.5m

lens with adjustable LED illumination

- Motorized joystick to bend the probe at any direction

SPECIFICATION

Code		ISV-4000D	ISV-4001D	ISV-5000D	ISV-5001D
Lens	diameter (D)	6mm		4.5mm	
	focus distance (F)	15mm~∞		8~80mm	
	illumination	6pcs LED		6pcs LED	
	pixel	0.41M			
	resolution	720x576			
	dust/waterproof	IP65			
	bend control	motorized joystick			
Cable	length	1.5m	3m	1.5m	3m
	type	tungsten wire weaved cable			
Main unit	function	take picture, take video			
	file format	picture: JPG, video: AVI			
	image process	brightness, image quality zoom (1X, 2X, 3X)			
	memory	8G SD card			
	output	TV, USB			
	power supply	rechargeable battery (for 4 hours working) AC/DC adapter (for continuous working)			
Weight		1kg	1.2kg	0.95kg	1.1kg

rechargeable battery

ISV-4000D

STANDARD DELIVERY

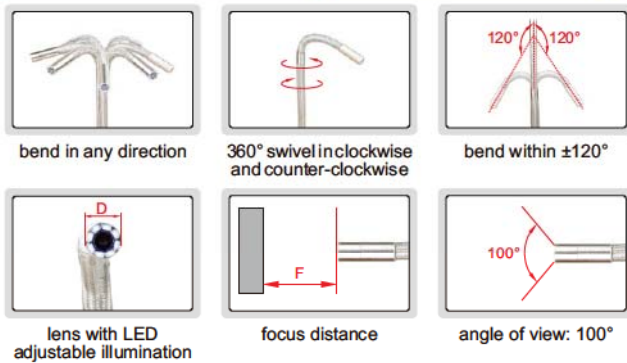|	
Main unit	1pc
Cable with lens	1pc
8G SD card	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc

F

focus distance

110°

angle of view: 110°

ATTENTION: THE CABLE CAN BE BENT BUT CAN'T BE SET AT A FIXED SHAPE

STEEL WIRE WEAVED CABLE RESISTANCE TO BREAK AND WEAR

IP65 WATERPROOF

MANUAL 360° SWIVEL VIDEOSCOPES

bend in any direction

360° swivel in clockwise and counter-clockwise

bend within ±120°

lens with LED adjustable illumination

focus distance

angle of view: 100°

power on/off
3.5" LCD
USB port
charger port
video output
SD card
take video
manual joystick to bend the lens in any direction
zoom
steel wire weaved cable length: 1.5m
LED brightness adjustment
take picture
lens with adjustable LED illumination
ISV-2000D

base (optional)

STANDARD DELIVERY

Main unit	1pc
Cable with lens	1pc
8G SD card	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc

OPTIONAL ACCESSORY

Base	ISV-2000D-BASE

SPECIFICATION

Code		ISV-2002D	ISV-2000D	ISV-2001D	ISV-3002D	ISV-3000D	ISV-3001D
Lens	diameter (D)	6.5mm			4.5mm		
	focus distance (F)	15mm~∞			8~80mm		
	illumination	8pcs LED			6pcs LED		
	pixel	0.3M					
	resolution	640x480					
	dust/waterproof	IP65					
	bend control	manual joystick					
Cable	length	1m	1.5m	3m	1m	1.5m	3m
	type	steel wire weaved cable					
Main unit	function	take picture, take video					
	file format	picture: JPG, video: AVI					
	image process	brightness, image quality zoom (1X, 2X, 3X, 4X, 5X)					
	memory	8G SD card					
	output	TV, USB					
	power supply	rechargeable battery (for 2 hours working) AC/DC adapter (for continuous working)					
Weight		600g	650g	800g	550g	600g	700g

IP57 WATERPROOF

SIDE VIEW VIDEOSCOPE (RIGID) CODE ISV-RV
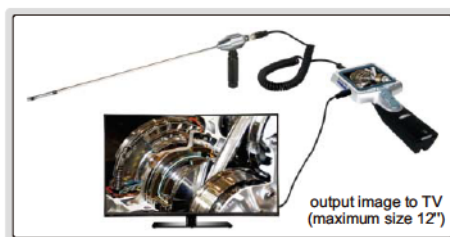
output image to TV (maximum size 12")

lens adjustable LED illumination

handle

connection cable

3.5" LCD
USB port
power on/off
take picture
take video
SD card
video output
LED brightness adjustment

SPECIFICATION

Diameter (D)	5.5mm
Length (L)	350mm
Dust/waterproof probe	IP57
Pixel	0.3M
Resolution	640×480
Frame rate	30fps
Function	take picture, take video
File format	picture: JPG, video: AVI
Memory	2G SD card
Output	TV, USB
Power supply	rechargeable battery (for 3 hours working)
Weight	570g

to observe internal wall of holes (minimum diameter Ø10mm)

STANDARD DELIVERY

Main unit	1pc
2G SD card	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc
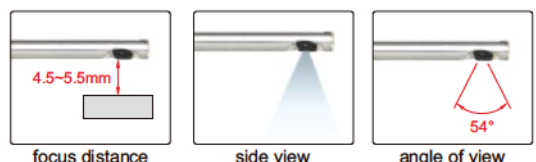
4.5~5.5mm
focus distance

side view

54°
angle of view

ATTENTION: THE CABLE CAN BE BENT BUT CAN'T BE SET AT A FIXED SHAPE

STEEL WIRE WEAVED CABLE RESISTANCE TO BREAK AND WEAR
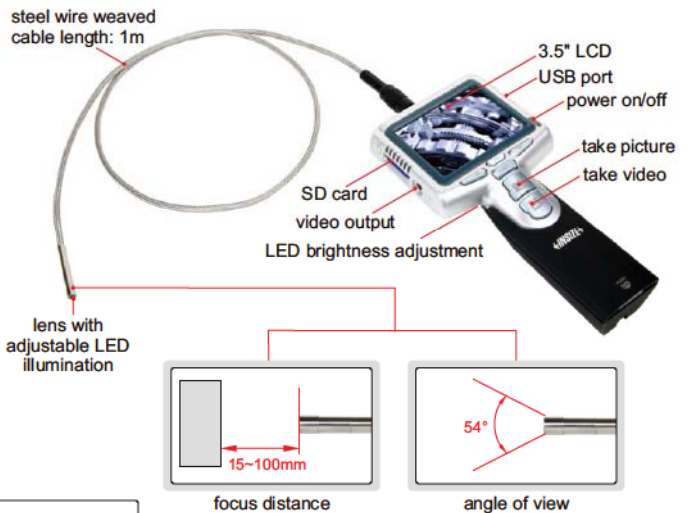
OPTIONAL CABLE LENGTH 3M, 5M AND 10M
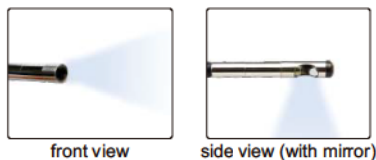
IP65 WATERPROOF

VIDEOSCOPE CODE ISV-E10

SPECIFICATION

Lens	diameter	5.5mm
	pixel	0.3M
	resolution	640×480
	frame rate	30fps
Cable	length	1m
	type	steel wire weaved cable
Main unit	function	take picture, take video
	file format	picture: JPG, video: AVI
	image process	brightness, contrast, color saturation
	memory	2G SD card
	output	TV, USB
	power supply	rechargeable battery (for 3 hours working)
Weight		450g

steel wire weaved cable length: 1m

3.5" LCD
USB port
power on/off
take picture
take video
SD card
video output
LED brightness adjustment

lens with adjustable LED illumination

15~100mm
focus distance

54°
angle of view

STANDARD DELIVERY

Main unit	1pc
Cable with lens	1pc
2G SD card	1pc
45° mirror	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc
Lens cleaning kit	1pc

front view

side view (with mirror)

OPTIONAL ACCESSORY

35° mirror	ISV-E55-M35
60° mirror	ISV-E55-M60

35° 110°
35° mirror (**optional**)

45° 90°
45° mirror (included)

60° 60°
60° mirror (**optional**)

IP57 WATERPROOF

VIDEOSCOPE CODE ISV-E20
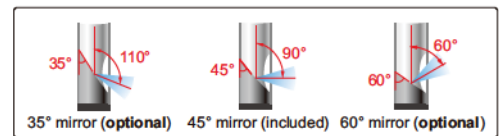
the cable has high illumination and can be set at any shape. it is suitable to observe large internal space like turbocharger.
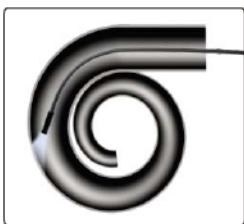
lens with 8pcs LED adjustable illumination

D

memory cable length: 1m

20~50mm
focus distance

3.5" LCD
USB port
power on/off
take picture
take video
SD card
video output
LED brightness adjustment

54°
angle of view

SPECIFICATION

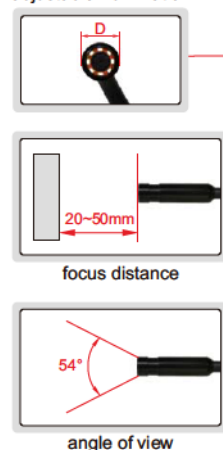|		
Lens	diameter (D)	12mm
	pixel	0.4M
	resolution	720×682
	frame rate	30fps
Cable	length	1m
	type	memory (can be set at any shape)
Main unit	function	take picture, take video
	file format	picture: JPG, video: AVI
	image process	brightness, contrast, color saturation
	memory	2G SD card
	output	TV, USB
	power supply	rechargeable battery (for 3 hours working)
Weight		600g

STANDARD DELIVERY

Main unit	1pc
Cable with lens	1pc
2G SD card	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc
Lens cleaning kit	1pc

45° mirror (**optional**)

hook (**optional**)

magnet pick up (**optional**)

OPTIONAL ACCESSORY

45° mirror	ISV-E20-MIRROR
Hook	ISV-E20-HOOK
Magnet pick up	ISV-E20-MAGNET
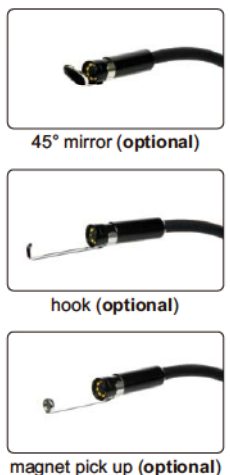
PIPE VIDEOSCOPE
CODE ISV-VP280

ATTENTION: RESISTANCE TO ACID AND ALKALI LIQUID (CONSULT IS NEEDED)

IP68 WATERPROOF

SPECIFICATION

Lens	diameter	28mm
	dust/waterproof	IP68
	pixel	0.3M
	resolution	640×480
	frame	30fps
Cable	length	22m
	dust/waterproof	IP68
	type	semi-rigid
Main unit	function	take picture and video
	file format	picture: JPG, video: ASF
	image process	mirror, rotate, zoom (1.5X, 2X)
	memory	4G SD card
	output	TV, USB
	power supply	4×AA batteries
Weight		5kg

STANDARD DELIVERY

Main unit	1pc
Cable with lens	1pc
Stand	1pc
4G SD card	1pc
Ø100mm brush	1pc
AA battery	4pcs
AAA battery	2pcs
Video output cable	1pc
USB cable	1pc

lens with adjustable LED illumination

3.5" LCD
take picture
take video
power on/off

cable length: 22m

stand

indicator of working cable length

Ø100mm brush (included) fixed on the lens to clean the internal wall of pipes

Ø50mm centering ring (optional) fixed on the lens to center lens in the pipe

vertical   horizontal

focus distance — 10mm~∞

angle of view — 150°

can turn at least two times in the pipe (>Ø40mm) — >Ø40mm

OPTIONAL ACCESSORY

Ø50mm centering ring	ISV-VP280-R50
Ø150mm brush	ISV-VP280-B150

RIGID BORESCOPES

IP67 WATERPROOF

ISV-1H4300

- Focus distance: 2mm, depth of view: 5~100mm
- Dust/waterproof level: IP67
- Can be used in the liquid with temperature -10°C~85°C

focus distance | angle of view
view direction 0°

focus distance | view direction | angle of view
view direction 30° and 70°

focus distance | angle of view
view direction 90°
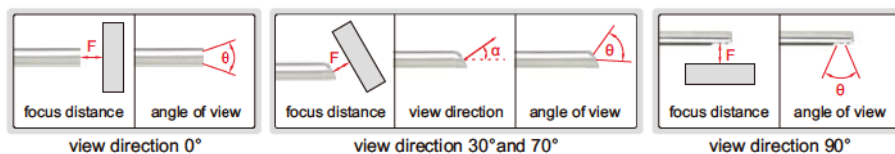
SPECIFICATION

Code	Length (L)	View direction (α)	Diameter (D)	Angle of view (θ)
ISV-1H4170	174mm	0°		
ISV-1H4173	174mm	30°		
ISV-1H4177	174mm	70°		
ISV-1H4179	166mm	90°	4mm	≥60°
ISV-1H4300	302mm	0°		
ISV-1H4303	302mm	30°		
ISV-1H4307	302mm	70°		
ISV-1H4309	297mm	90°		

Code	Length (L)	View direction (α)	Diameter (D)	Angle of view (θ)
ISV-1H6200	209mm	0°		
ISV-1H6203	209mm	30°		
ISV-1H6207	209mm	70°		
ISV-1H6209	166mm	90°	6mm	≥70°
ISV-1H6320	328mm	0°		
ISV-1H6323	328mm	30°		
ISV-1H6327	328mm	70°		
ISV-1H6329	330mm	90°		

OPTIONAL ACCESSORY

LED light handle	ISV-1HLED
Adjustable LED light source	ISV-1LED1
Camera	ISV-1CAM

LED light handle (optional)

adjustable LED light source (optional)

camera (optional)

LED LIGHT HANDLE
CODE ISV-1HLED

battery (included)   charger (included)

- For rigid borescopes (code **ISV-1Hxx**)

SPECIFICATION

Power	3W
Battery	3.7V rechargeable battery (for 2 hours working)
Dimension	120×27×27mm
Weight	300g

STANDARD DELIVERY

Main unit	1pc
Battery	1pc
Charger	1pc

ADJUSTABLE LED LIGHT SOURCE
CODE ISV-1LED1

- For rigid borescopes (code **ISV-1Hxx**)
- High LED illumination and brightness is adjustable
- For long time work with low noise

SPECIFICATION

Color temperature	5600K
Cooling	fan cooling
Power	AC110~220V, 50/60Hz
Dimension	400×300×112mm
Weight	7kg

STANDARD DELIVERY

Main unit	1pc
1.8m optical fiber cable	1pc

CAMERA
CODE ISV-1CAM

software CD
(included)

take video
take picture
image process
image

- For rigid borescopes (code **ISV-1Hxx**)
- Connected to computer USB port
- Auto-exposure, auto-gain, auto white balance
- Focus is adjustable
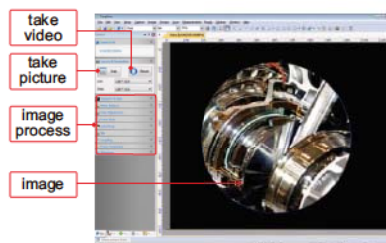
SPECIFICATION

Sensor	color CMOS
Pixel	1.3M
Resolution	1280×1024
Frame rate	15~50fps
Software	take picture, take video, zoom in, zoom out, image rotation
Power supply	USB

STANDARD DELIVERY

Camera	1pc
Connector	1pc
USB cable and software	1pc