

MAGNIFIERS WITH ILLUMINATION

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



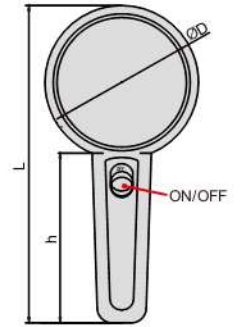
(mm)

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



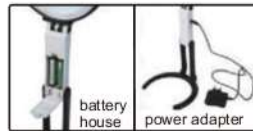
7513-2

7513-4



THREE WAYS MAGNIFIER WITH ILLUMINATION

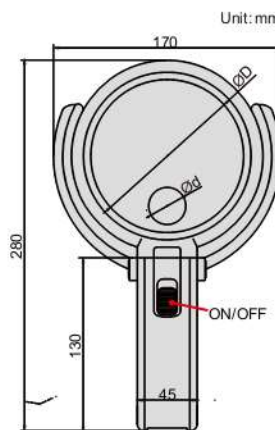
- Plastic lens
- Powered by 2xAA batteries (included) or power adapter (110~240V, 50~60Hz)



three-way use



Code	Magnification	Lens diameter (ØD)	Lens diameter (Ød)
7512-1	2X/4X	Ø120mm	Ø28mm



Unit: mm



7512-1

MOTORIZED 360° SWIVEL VIDEOSCOPIES

IP65
WATERPROOF

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

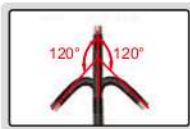
TUNGSTEN WIRE WEAVED CABLE RESISTANCE TO BREAK AND WEAR



bend in any direction



360° swivel in clockwise and counter-clockwise



bend within ±120°



- 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	
	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 SDcard			
	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	



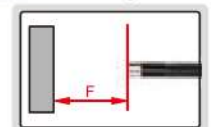
ISV-4000D

STANDARD DELIVERY

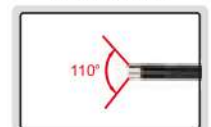
Main unit	1pc
Cable with lens	1pc
8G SD card	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc



lens with LED adjustable illumination



focus distance



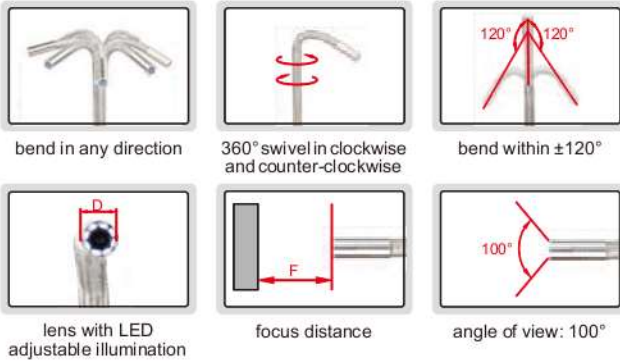
angle of view: 110°

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 VIDEOSCOPIES



SPECIFICATION

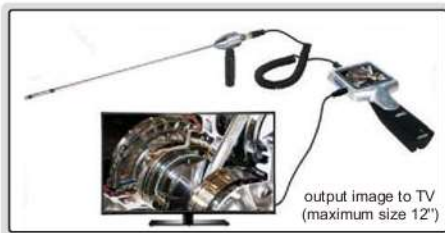
Code	ISV-2002D	ISV-2000D	ISV-2001D	ISV-3002D	ISV-3000D	ISV-3001D	
Lens	diameter (D)	6.5mm			4.5mm		
	focus distance (F)	15mm~∞			8~80mm		
	illumination	8pcs LED			6pcs LED		
	pixel	0.3M					
	resolution	640x480					
	dust/waterproof	IP65					
	bend control	manual joystick					
Cable	length	1m	1.5m	3m	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	

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
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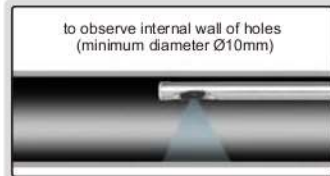
IP57 WATERPROOF

SIDE VIEW VIDEOSCOPE (RIGID) CODE ISV-RV



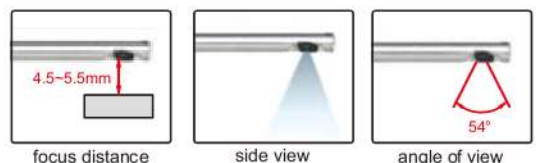
SPECIFICATION

Diameter (D)	5.5mm
Length (L)	350mm
Dust/waterproof probe	IP57
Pixel	0.3M
Resolution	640x480
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



STANDARD DELIVERY

Main unit	1pc
2G SD card	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc



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

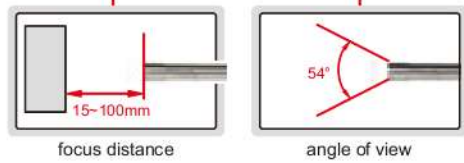
IP65 WATERPROOF



VIDEOSCOPE CODE ISV-E10

SPECIFICATION

Lens	diameter	5.5mm
	pixel	0.3M
	resolution	640x480
	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	



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



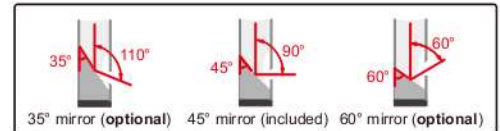
front view



side view (with mirror)

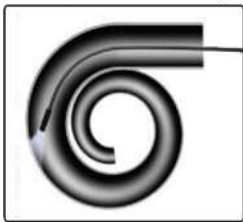
OPTIONAL ACCESSORY

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

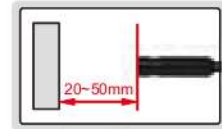
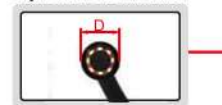


IP57 WATERPROOF

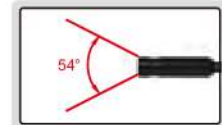
the cable has high illumination and can be set at any shape. it is suitable to observe large internal space like turbocharger.



lens with 8pcs LED adjustable illumination



focus distance



angle of view

memory cable length: 1m



VIDEOSCOPE CODE ISV-E20

SPECIFICATION

Lens	diameter (D)	12mm
	pixel	0.4M
	resolution	720x682
	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

OPTIONAL ACCESSORY

45° mirror	ISV-E20-MIRROR
Hook	ISV-E20-HOOK
Magnet pick up	ISV-E20-MAGNET



45° mirror (optional)



hook (optional)



magnet pick up (optional)

PIPE VIDEOSCOPE CODE ISV-VP280

SPECIFICATION

Lens	diameter	28mm
	dust/waterproof	IP68
	pixel	0.3M
	resolution	640×480
Cable	frame	30fps
	length	22m
	dust/waterproof	IP68
Main unit	type	semi-rigid
	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

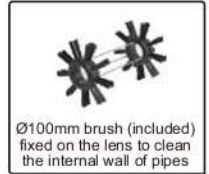


ATTENTION: RESISTANCE TO ACID AND ALKALI LIQUID (CONSULT IS NEEDED)

IP68
WATERPROOF



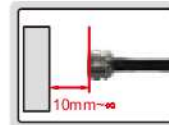
lens with adjustable LED illumination



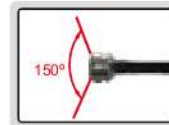
Ø100mm brush (included) fixed on the lens to clean the internal wall of pipes



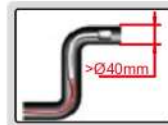
Ø50mm centering ring (optional) fixed on the lens to center lens in the pipe



focus distance



angle of view



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

OPTIONAL ACCESSORY

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



vertical horizontal

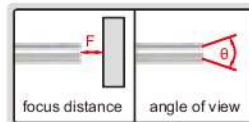
RIGID BORESCOPIES

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

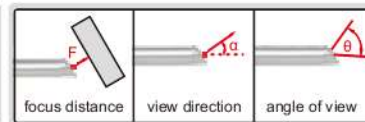


ISV-1H4300

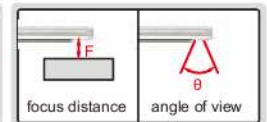
IP67
WATERPROOF



view direction 0°



view direction 30° and 70°



view direction 90°

SPECIFICATION

Code	Length (L)	View direction (α)	Diameter (D)	Angle of view (θ)
ISV-1H4170	174mm	0°	4mm	>60°
ISV-1H4173	174mm	30°		
ISV-1H4177	174mm	70°		
ISV-1H4179	166mm	90°		
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°	6mm	>70°
ISV-1H6203	209mm	30°		
ISV-1H6207	209mm	70°		
ISV-1H6209	166mm	90°		
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

- For rigid borescopes (code **ISV-1Hxx**, **ISV-HF4030**, **ISV-HMxx**, **ISV-HPxx**, **ISV-HR6032**)



battery (included)



charger (included)



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

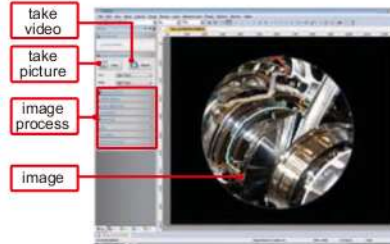
Main unit	1pc
1.8m optical fiber cable	1pc

CAMERA CODE ISV-1CAM

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



software CD (included)



STANDARD DELIVERY

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



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

IP67
WATERPROOF

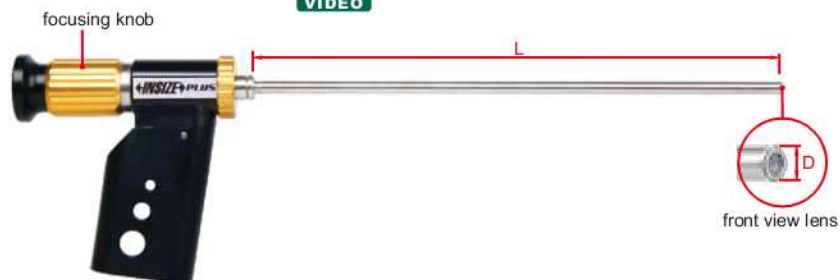
- Dust/waterproof level: IP67
- Lens can be used in the liquid with temperature -10°C~100°C
- LED light source is needed



camera (optional)



LED light source (optional)



FRONT VIEW BORESCOPE (RIGID) CODE ISV-HF4030

SPECIFICATION

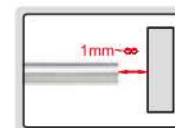
Diameter (D)	4mm
Length (L)	300mm
Depth of view	>15mm
Dust/waterproof lens	IP67
Dimension	410×105×30mm
Weight	220g

STANDARD DELIVERY

Main unit	1pc
Handle	1pc

OPTIONAL ACCESSORY

LED light source	ISV-HL3000
Camera and software	ISV-HCAM

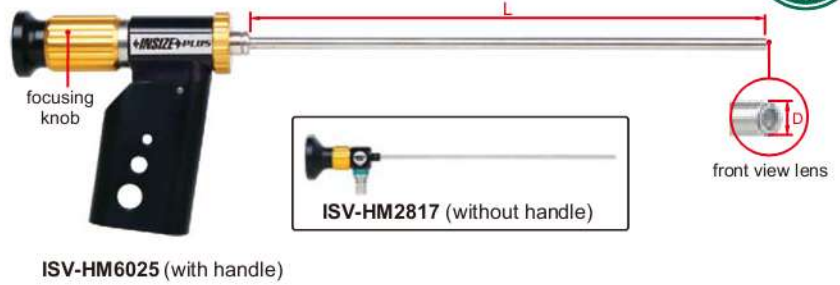
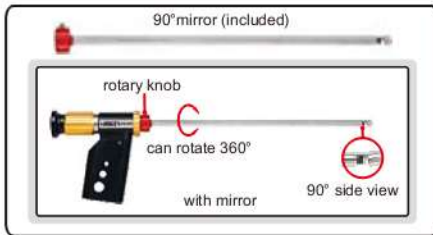


adjustable focus distance

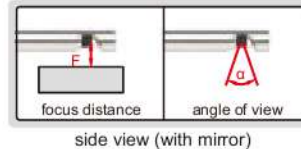
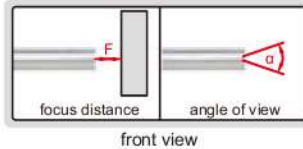


angle of view

BORESCOPIES WITH MIRROR (RIGID)


IP67
WATERPROOF


- Front view, side view with mirror
- Dust/waterproof level: IP67
- Lens can be used in the liquid with temperature -10°C ~ 80°C
- LED light source is needed



SPECIFICATION

Code	ISV-HM2817	ISV-HM4023	ISV-HM6025	ISV-HM6051
Diameter (D)	2.8mm	4mm	6mm	6mm
Length (L)	175mm	240mm	258mm	490mm
Focus distance (F)	2mm~∞ (adjustable)	6mm~∞ (adjustable)	4mm~∞ (adjustable)	3mm~∞ (adjustable)
Angle of view (α)	22°	22°	34°	48°
Depth of view	>15mm			
Dust/waterproof lens	IP67			
Handle	without	included	included	included
Dimension	235×33×30mm	368×105×30mm	368×105×30mm	610×105×30mm
Weight	55g	250g	260g	300g

STANDARD DELIVERY

Main unit	1pc
Handle (except ISV-HM2817)	1pc
90° mirror	1pc

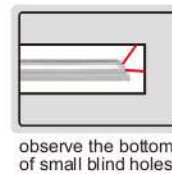
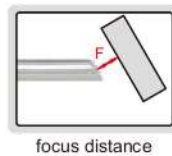
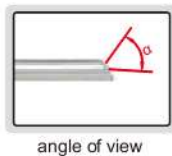
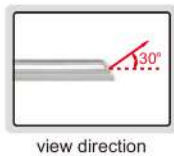
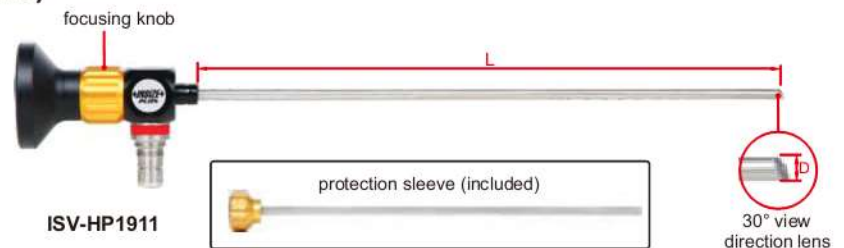
OPTIONAL ACCESSORY

LED light source	ISV-HL3000
Camera and software	ISV-HCAM

OBLIQUE VIEW BORESCOPES (RIGID)


IP67
WATERPROOF

- Small diameter, used to observe small space
- Dust/waterproof level: IP67
- Lens can be used in the liquid with temperature -10°C ~ 100°C
- Supplied with protection sleeve
- LED light source is needed



SPECIFICATION

Code	ISV-HP1911	ISV-HP2811	ISV-HP2817
Diameter (D)	1.9mm	2.8mm	2.8mm
Length (L)	110mm	110mm	175mm
Focus distance (F)	0.5mm~∞ (adjustable)	0.5mm~∞ (adjustable)	0.5mm~∞ (adjustable)
View direction	30°		
Angle of view (α)	70°	80°	80°
Depth of view	3~40mm		
Dust/waterproof lens	IP67		
Dimension	162x33x30mm	228x33x30mm	228x33x30mm
Weight	55g	60g	65g

STANDARD DELIVERY

Main unit	1pc
Protection sleeve	1pc

OPTIONAL ACCESSORY

LED light source	ISV-HL3000
Camera and software	ISV-HCAM

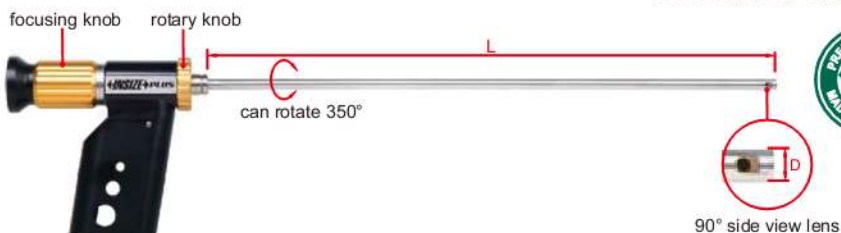
IP67
WATERPROOF



VIDEO

- Lens can rotate 350°
- Dust/waterproof level: IP67
- Lens can be used in the liquid with temperature -10°C~100°C
- LED light source is needed

ROTARY SIDE VIEW BORESCOPE (RIGID) CODE ISV-HR6032



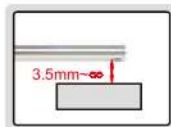
camera (optional)



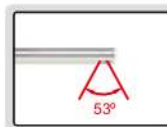
LED light source (optional)

SPECIFICATION

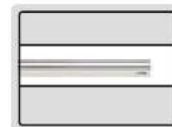
Diameter (D)	6mm
Length (L)	320mm
Depth of view	>15mm
Dust/waterproof lens	IP67
Dimension	430x105x30mm
Weight	300g



adjustable focus distance



angle of view



observe internal wall of small holes

STANDARD DELIVERY

Main unit	1pc
Handle	1pc

OPTIONAL ACCESSORY

LED light source	ISV-HL3000
Camera and software	ISV-HCAM



- For rigid borescopes (code ISV-HF4030, ISV-HMxx, ISV-HPxx, ISV-HR6032)
- High LED illumination and brightness is adjustable
- For long time work with low noise

LED LIGHT SOURCE CODE ISV-HL3000

SPECIFICATION

Brightness	470lm
Color temperature	5800K
Cooling method	fan cooling
Operating temperature	10~40°C
Working life	30000h
Power supply	12V DC, 5420mA
Dimension	170x196x98mm
Weight	3.8kg



filter (optional)

STANDARD DELIVERY

Main unit	1pc
2.3m optical fiber cable	1pc

OPTIONAL ACCESSORY

Red filter	ISV-HL3000-RED
Green filter	ISV-HL3000-GREEN
Yellow filter	ISV-HL3000-YELLOW
Blue filter	ISV-HL3000-BLUE
3500K color temperature filter	ISV-HL3000-3500K



software CD (included)

SPECIFICATION

Sensor	1/3" color CCD
Pixel	1.3M
Resolution	1280x960
Frame rate	22fps
Focus distance	18~35mm
Software	take picture, take video, zoom in, zoom out, mirror, image rotation
Power supply	USB
Dimension	95x50x50mm
Weight	150g



CAMERA CODE ISV-HCAM

- For rigid borescopes (code ISV-HF4030, ISV-HMxx, ISV-HPxx, ISV-HR6032)
- Connected to computer USB port
- High quality CCD
- Auto-exposure, auto-gain, auto white balance
- Focus is adjustable

STANDARD DELIVERY

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