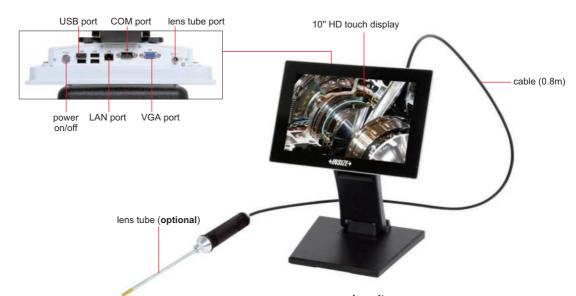
VIDEOSCOPE (DESK TYPE)

+INSIZE+





MAIN UNIT (WITHOUT LENS TUBE)

Code	ISV-Y				
Display	10" HD touch display				
Function	take picture, take video				
File format	picture: JPG, video: MP4				
Memory	built-in hard disk or USB flash disk				
Image process	image zoom (1X, 2X, 3X)				
Image control	noise reduction, negative film, flip over, freeze, on-line edit				
Illumination	stepless adjustment				
Additional function	real-time dynamic annotation, real-time watermark, rapid defect mark				
Output	USB				
Power supply	AC/DC adapter (for continuous working)				
Weight	1000g				

main unit

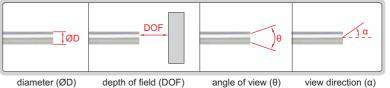
STANDARD DELIEVERY

Main unit	1 pc
USB disk	1 pc
Mouse	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Lens tube	refer to below details
Software for automatic defect identification	can be customized





RIGID STRAIGHT LENS TUBE, FRONT VIEW

		Lens tube		Lens							
Code	diameter (ØD) length (L)		pixel	illumination	angle of view (θ)	depth of field (DOF)	view direction (α)	dust/ waterproof			
ISV-Y1210	1.2mm	90mm	0.04M			3~70mm	0°				
ISV-Y1810	1.8mm	120mm (optional 90-150mm)	0.16M			3~70mm	0°				
ISV-Y2010	2.0mm	120mm (optional 90-150mm)	0.16M			3~70mm	0°				
ISV-Y2410	2.4mm	150mm (optional 90-300mm)	0.16M	rear optical fiber	120°	3~70mm	0°	IP67			
ISV-Y2810	2.8mm	150mm (optional 90-300mm)	0.16M			3~70mm	0°				
ISV-Y3910	3.9mm	200mm (optional 90-500mm)	1M			8~150mm	0° (optional 30°, 70°)				
ISV-Y6010	6.0mm	300mm (optional 90-1000mm)	1M			12~200mm	0° (optional 30°, 70°)				

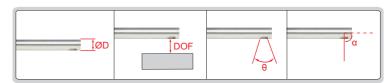
To be continued

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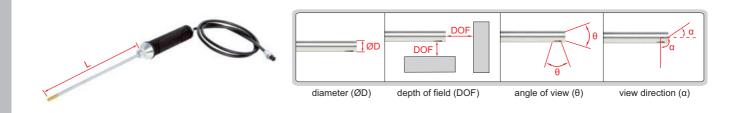




diameter (ØD) depth of field (DOF) angle of view (θ) view direction (α)

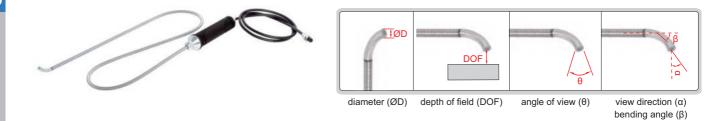
RIGID STRAIGHT LENS TUBE, SIDE VIEW

		Lens tube	Lens							
Code	diameter (ØD)	longth (I)		illumination	angle of view (θ)	depth of field (DOF)	view direction (α)	dust/ waterproof		
ISV-Y2810C	2.8mm	150mm (optional 90-300mm)	0.16M			3~70mm				
ISV-Y3910C	3.9mm	200mm (optional 90-500mm)	1M	rear	120°	8~150mm	90°	IP67		
ISV-Y4510C	4.5mm	250mm (optional 90-800mm)	1M	optical fiber	120	8~150mm	90	1-07		
ISV-Y6010C	6.0mm	300mm (optional 90-1000mm)	1M			12~200mm	1			



RIGID STRAIGHT LENS TUBE, FRONT VIEW & SIDE VIEW

Lens tube				Lens						
Code	diameter (ØD)	length (L)	pixel	illumination	angle of view (θ)	depth of field (DOF)	view direction (α)	dust/ waterproof		
ISV-Y6010S	6.0mm	300mm (optional 90-1000mm)	1M	rear optical fiber	120°	front view: 12~200mm side view: 8~150mm	front view: 0° side view: 90°	IP67		



BENDING SPRING LENS TUBE

	Lens	tube				Lens									
Code	diameter (ØD)	length (L)	pixel	illumination	angle of view (θ)	depth of field (DOF)	view direction (α)	bending angle (β)	dust/ waterproof						
ISV-Y3010W	3.0mm		0.16M			8~150mm		750 / 1							
ISV-Y5010W	5.0mm	1000mm	1M rear optical fiber	rear optical			•				120°	8~150mm	0°	75° (can be customized)	IP65
ISV-Y7010W	7.0mm		1M	liber		12~200mm									







MAIN UNIT (WITHOUT CABLE)

Code	ISV-L
Display	5" high definition LCD
Resolution	1024×720
Function	take pictures, take videos
File format	picture: JPG, video: MP4
Image process	image zoom (1X, 2X, 3X, 4X)
Image control	freeze, flip over, playback and analog ruler
Memory	memory card
Output	WIFI (only for Android OS), USB, HDMI
Power supply	rechargeable lithium battery (working time ≥ 4hours) AC/DC adapter (for continuous working)
Weight	1000g





ISV-L-CLAMP (optional)

WIFI real-time image transmission

OPERATION ENVIRONMENT

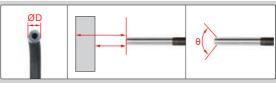
Main unit	-10~50°C, no preheat
Operation temperature	-20~70°C
Storage temperature	-20~60°C
Relative humidity	maximum 90%, no condensation

STANDARD DELIEVERY

Main unit	1 pc
32G SD card	1 pc
Card reader	1 pc
USB cable	1 pc
Tripod	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

OF HONAL ACCESSORT						
please refer to details						
ISV-L-HTALARM (must be installed in factory, for Ø3.9mm, Ø4.5mm and Ø6.0mm)						
ISV-L-HOOK (must be installed in factory, for Ø3.9mm, Ø4.5mm and Ø6.0mm)						
ISV-L-MAGNET (must be installed in factory, for Ø3.9mm, Ø4.5mm and Ø6.0mm)						
ISV-L-CLAMP						



diameter (ØD)

depth of field (DOF) angle of view (θ)

ONE-DIRECTION CABLE (NO BENDING), FRONT VIEW

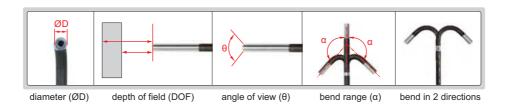
	Cable		Lens												
Code	length	type	view direction	diameter (ØD)	depth of field (DOF)	angle of view (θ)	illumination	pixel	resolution	dust/ waterproof					
ISV-L09505	0.5m	spring tube tungsten wire		0.95mm	3~30mm										
ISV-L09510	1m			3~30mm											
ISV-L1210	1m							front view	1.2mm	3~30mm	>120°	rear fiber	0.16M	400×400	IP65
ISV-L1510	1m			1.5mm	270mm										
ISV-L1515	1.5m	weaved cable		1.5mm	5mm 3~70mm										

To be continued

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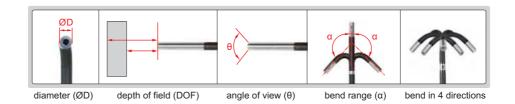


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TWO-DIRECTION BENDING CABLE, FRONT VIEW

	C	able	Lens									
Code	length	type	view direction	bend direction	diameter (ØD)	depth of field (DOF)	bend range (α)	angle of view (θ)	illumination	pixel	resolution	dust/ waterproof
ISV-L1810	1m		front	two directions	1.8mm	3~30mm						
ISV-L2010	1m	tungsten			2.0mm	3~30mm						
ISV-L2410	1m	wire weaved				3~70mm	±160°	>120°	rear fiber	0.16M	400×400	IP65
ISV-L2415	1.5m	cable	VIEW		2.4mm	(optional						
ISV-L2420	2m					5~100mm)						

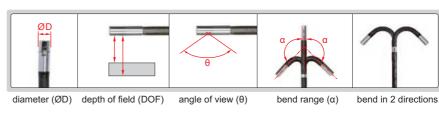


FOUR-DIRECTION BENDING CABLE, FRONT VIEW

	C	able	Lens									
Code	length	type	view direction	bend direction	diameter (ØD)	depth of field (DOF)	bend range (α)	angle of view (θ)	illumination	pixel	resolution	dust/ waterproof
ISV-L2810	1m					0.70						
ISV-L2815	1.5m				2.8mm	3~70mm (optional 5~100mm)				0.16M	400×400	IP65
ISV-L2820	2m				2.011111					0.100	400^400	1603
ISV-L2830	3m					,						
ISV-L3910	1m											
ISV-L3915	1.5m					0.450						
ISV-L3920	2m				3.9mm	8~150mm (optional				0.92M	1280×720	IP67
ISV-L3930	3m	tungsten			3~70mm)				0.3210	1200~720	11 07	
ISV-L3940	4m	wire	front				±160°	>120°	rear fiber			
ISV-L3950	5m	weaved		directions			100	- 120				
ISV-L6010	1m	cable										
ISV-L6015	1.5m											
ISV-L6020	2m					12~200mm						
ISV-L6030	3m				6.0mm	(optional				0.92M	1280×720	IP67
ISV-L6040	4m	1			0.0/11/1	3~70mm,				0.02101	1200×120	IFOT
ISV-L6050	5m					8~150mm)						
ISV-L6060	6m											
ISV-L6070	7m											

To be continued

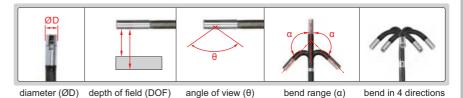
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INSIZE

TWO-DIRECTION BENDING CABLE, SIDE VIEW

	Ca	able	Lens									
Code	length	type	view direction	bend direction	diameter (ØD)	depth of field (DOF)	bend range (α)	angle of view (θ)	illumination	pixel	resolution	dust/ waterproof
ISV-L1810C	1m	tungsten wire	viro	two	0 1.0mm	3~30mm	14000	>120°	na an file an	0.4014	400+400	IP65
ISV-L1815C	1.5m	weaved cable	side view	directions	1.8mm	5~30mm	±160°	~120*	rear fiber	0.16M	400×400	1602

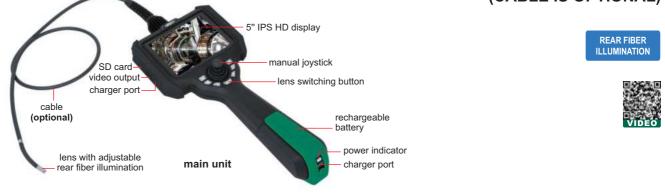


FOUR-DIRECTION BENDING CABLE, SIDE VIEW

	Ca	able					L	.ens				
Code	length	type	view direction	bend direction	diameter (ØD)	depth of field (DOF)	bend range (α)	angle of view (θ)	illumination	pixel	resolution	dust/ waterproof
ISV-L2810C	1m											
ISV-L2815C	1.5m				2.8mm	3~70mm				0.16M	400×400	IP65
ISV-L2820C	2m				2.011111	57011111				0.1000	400^400	1603
ISV-L2830C	3m											
ISV-L4510C	1m											
ISV-L4515C	1.5m	tungsten	side view	four directions	4.5mm	5~100mm						
ISV-L4520C	2m	wire				(optional 8~150mm)	±160°	>120°	rear fiber			
ISV-L4530C	3m	weaved	Side view			o,	100	-120				
ISV-L6010C	1m	cable								0.92M	960×720	IP67
ISV-L6015C	1.5m									0.5210	500~720	1-07
ISV-L6020C	2m				6.0mm	8~150mm						
ISV-L6030C	3m				6.0mm	(optional 5~100mm)						
ISV-L6040C	4m											
ISV-L6050C	5m											

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FRONT AND SIDE VIEW VIDEOSCOPE (CABLE IS OPTIONAL)



To be continued



Continued from previous page



WIFI real-time image transmission





changeable lens cable

OPTIONAL ACCESSORY

Temperature alarm

Cable

Hook

Magnet

Clamp

tripod (included)

please refer to details **ISV-S-HTALARM**

ISV-S-HOOK

ISV-S-MAGNET

ISV-K-CLAMP



ISV-K-CLAMP (optional)

(must be installed in factory, for Ø3.9mm, Ø6.0mm)

(must be installed in factory, for Ø3.9mm, Ø6.0mm)

(must be installed in factory, for Ø3.9mm, Ø6.0mm)

ISV-S-MAGNET (optional)

MAIN UNIT (WITHOUT CABLE)

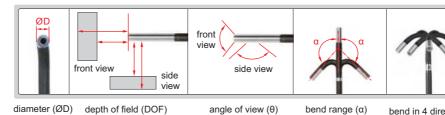
Code	ISV-S						
Display	5" high definition LCD						
Resolution	1024×720						
Function	take pictures, take videos						
File format	picture: JPG, video: MP4						
Image process image zoom (1X, 2X, 3X, 4X)							
Image control	freeze, flip over, playback and analog ruler						
Memory	memory card						
Output	WIFI (only for Android OS), USB, HDMI						
Power supply	rechargeable lithium battery (working time ≥ 4hours) AC/DC adapter (for continuous working)						
Weight	1000g						

STANDARD DELIEVERY

Main unit	1 pc
32G SD card	1 pc
Card reader	1 pc
USB cable	1 pc
Tripod	1 pc
AC/DC adapter	1 pc

OPERATION ENVIRONMENT

Main unit	-10~50°C, no preheat
Operation temperature	-20~70°C
Storage temperature	-20~60°C
Relative humidity	maximum 90%, no condensation



diameter (ØD) depth of field (DOF) angle of view (θ)

bend in 4 directions

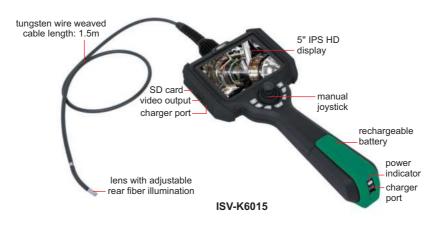
FOUR-DIRECTION BENDING CABLE, FRONT VIEW&SIDE VIEW

	C	able	Lens										
Code	length	type	view direction	bend direction	diameter (ØD)	depth of field (DOF)	bend range (α)	angle of view (θ)	illumination	pixel	resolution	dust/ waterproof	
ISV-S2810	1m	tungsten				front view:							
ISV-S2815	1.5m	wire	front view and	four	2.8mm	3~70mm	±160°	>120°	front LED	0.16M	400×400	IP65	
ISV-S2820	2m	weaved	side view	directions	2.011111	side view: 3~70mm	100	- 120		0.101	400×400	1202	
ISV-S2830	3m	cable				57011111							
ISV-S3910	1m												
ISV-S3915	1.5m	tungsten		front view and side view four directions	3.9mm	front view: 7~150mm side view: 5~80mm ±160°							
ISV-S3920	2m	wire	front view				+160°	>120°	rear fiber	0.92M	1280×720	IP67	
ISV-S3930	3m	weaved	side view				100 1120	- 120		0.021			
ISV-S3940	4m	cable											
ISV-S3950	5m												
ISV-S6010	1m					front view:							
ISV-S6015	1.5m	tungeton				12~200mm (optional							
ISV-S6020	2m	tungsten wire	from view	four	0.0	(optional 3~70mm)	. 4000	. 1000	Ch	0.0014	1000700	IP67	
ISV-S6030	3m	weaved	and side view	directions	6.0mm	side view:	±160°	>120°	rear fiber	0.92M	1280×720		
ISV-S6040	4m	cable	le las now			8~150mm (optional							
ISV-S6050	5m					3~70mm)							



VIDEOSCOPES (WITH CABLE)







ISV-K-MAGNET (optional)



ISV-K-HOOK (optional)

WIFI real-time image transmission



changeable lens cable

ISV-K-CLAMP (optional)

SPECIFICATION

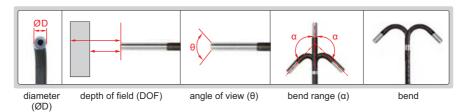
Code		ISV-K1810	ISV-K2410	ISV-K2810	ISV-K3915	ISV-K6015						
	diameter (ØD)	1.8mm	2.4mm	2.8mm	3.9mm	6.0mm						
	pixel	0.16M		0.92M								
	resolution	400×400		1280×720								
	depth of field	3-30mm	3-70mm	3-70mm	8-150mm	12-200mm						
	bending direction	two directions	two directions	four directions	four directions	four directions						
Lens	bending range (α)	±160°	±160°									
	angle of view (θ)	120°	120°									
	illumination	rear fiber	rear fiber									
	lens	sapphire glass lens										
	dust/waterproof	IP65			IP67							
	bend control	manual joystick										
Cable	length	1m	1m	1m	1.5m	1.5m						
Capie	type	tungsten wire weaved cable										
	display	5" high definition LCD										
	function	take pictures, take videos										
	file format	picture: JPG, video: MP4										
Main	image process	image zoom (1X, 2)	K, 3X, 4X)									
unit	image control	freeze, flip over, pla	yback and analog rule	er								
	memory	memory card										
	output	WIFI (only for Andro	oid OS), USB, HDMI									
	power supply	rechargeable lithium battery (working time ≥ 4 hours), AC/DC adapter (for continuous working)										
Weight		1000g										

To be continued

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OPTIONAL ACCESSORY

STANDARD DELIEVERY

Main unit (with cable)	1 pc
32G SD card	1 pc
Card reader	1 pc
USB cable	1 pc
Tripod	1 pc
AC/DC adapter	1 pc

OPERATION ENVIRONMENT

Main unit	-10~50°C, no preheat
Operation temperature	-20~70°C
Storage temperature	-20~60°C
Relative humidity	maximum 90%, no condensation

UV VIDEOSCOPES (WITH CABLE)

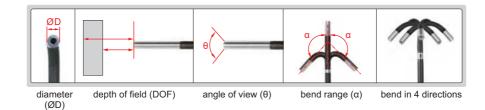
Temperature alarm	ISV-K-HTALARM (must be installed in factory, for ISV-K3915 and ISV-K6015)
Hook	ISV-K-HOOK (must be installed in factory, for ISV-K3915 and ISV-K6015)
Magnet	ISV-K-MAGNET (must be installed in factory, for ISV-K3915 and ISV-K6015)
Clamp	ISV-K-CLAMP

SD card 5" IPS HD display manual joystick video output 1m cable charger port lens with UV adjustable rechargeable rear fiber illumination battery power 25 charger port indicator tripod (included) ISV-U6010 ISV-U-MAGNET (optional) ISV-U-HOOK (optional) WIFI real-time image transmission changeable lens cable ISV-K-CLAMP (optional)

To be continued

UV OPTICAL FIBER





TECHNICAL PARAMETER

Code		ISV-U6010	ISV-U6020	ISV-U6030	ISV-U8010	ISV-U8020	ISV-U8030	
	diameter (ØD)	Ø6mm	Ø6mm Ø8mm					
	pixel	1M	1M					
	lens length	13±0.5mm	13±0.5mm					
	depth of field (DOF)	10~200mm (optional 50mm~∞)						
Camera	bend direction	four directions						
Gainera	bend ramher (a)	±150°	±130°	±100°	±150°	±130°	±100°	
	angel of view (θ)	120°						
	lighting	rear UV fiber optic illumination						
	ultraviolet wavelength	365nm						
	waterproof grade	IP67						
Cable	length	1m	2m	3m	1m	2m	3m	
Cable	type	soft (tungster	soft (tungsten wire weaved cable)					
	display	5" HD IPS display screen						
	file format	picture: JPG, video: AVI						
Main	image control	freezing, zoom, flip over, playback and analog ruler						
Main unit	memory	memory card						
unit	output	WIFI (only for Android OS), USB, HDMI						
	power supply	rechargeable lithium battery (working time ≥ 4hours), AC/DC adapter (for continuous working)						
Weight		1000g						

STANDARD DELIEVERY

Main unit (with cable)	1 pc
32G SD card	1 pc
Card reader	1 pc

USB cable	1 pc	
Tripod	1 pc	25
AC/DC adapter	1 pc	

INSIZE+

OPERATION ENVIRONMENT

Main unit	-10~50°C, no preheat
Operation temperature	-20~70°C
Storage temperature	-20~60°C
Relative humidity	maximum 90%, no condensation

OPTIONAL ACCESSORY

Hook	ISV-U-HOOK (must be installed in factory)	
Magnet	ISV-U-MAGNET (must be installed in factory)	
Clamp	ISV-K-CLAMP	



VIDEOSCOPES (BASIC TYPE)



diameter depti (ØD)

depth of field (DOF) angle of view (θ)

bend range (α)

bend in 4 directions

SPECIFICATION

Code		ISV-J2810	ISV-J2815	ISV-J4010	ISV-J4030	ISV-J6010	ISV-J6030	
	diameter (ØD)	2.8mm	2.8mm	4.0mm	4.0mm	6.0mm	6.0mm	
	pixel	0.16M	0.16M		1M			
	resolution	400×400	400×400					
	depth of field	10~∞mm	10~∞mm					
	bending direction	four direction	four directions					
Lens	bending range (α)	±160°	±160°					
	angle of view (θ)	120°						
	illumination	front LED	front LED					
	lens	sapphire glas	sapphire glass lens					
	dust/waterproof	IP67	IP67					
	bend control	manual joyst	manual joystick					
Cable	length	1m	1.5m	1m	3m	1m	3m	
Cable	type	wire weaved	wire weaved cable					
	display	5" HD screer	5" HD screen (resolution: 1920x1080)					
	function	take pictures	take pictures, take videos					
	file format	picture: JPG	picture: JPG, video: MOV					
	image process	image zoom	image zoom (1X, 2X, 3X, 4X, 5X)					
Main unit	image control	freeze, flip o	freeze, flip over, playback, analog ruler					
unit	memory	32G memory	32G memory card					
	output	WIFI (only fo	WIFI (only for Android OS), USB, HDMI					
	power supply		rechargeable lithium battery (working time ≥ 4 hours), AC/DC adapter (for continuous working)					
Weight		1000g						

To be continued



Continued from previous page

STANDARD DELIVERY

Main unit	1 pc
32G SD card	1 pc
Card reader	1 pc
USB cable	1 pc
AC/Dc adapter	1 pc

OPERATION ENVIRONMENT

Main unit -10~50°C, no preheat	
Operation temperature	-20~70°C
Storage temperature	-20~60°C
Relative humidity	maximum 90%, no condensation

MOBILE PHONE VIDEOSCOPE **CODE ISV-P6** mobile phone (optional) the clamping range of mobile phone bracket L=56-95mm video output charge port bending of lens up to 180° manual joystick to bend the lens in any direction indicator light θ=100° cable length: 1m angle of view lens with adjustable illumination ØC

For Android and iOS mobile phones

SPECIFICATION

Diameter of lens (ØD)	6±0.2mm	
Length of cable	1m	
Resolution	960×720, 1280×720 (switchable)	
Depth of field	20mm~∞	
Angle of view (θ)	100°	
Bending range (α)	0~180°	
Illumination	LED with 3 levels control	
Cable type	wear resistant	
Interface	USB, Type-C	
Mobile phone system	Android, iOS	
Power supply	rechargeable battery (for 2 hours working)	
Dimension (L×W×H)	195×57×105mm	
Weight	450g	



lens with LED

bend in any direction

STANDARD DELIVERY

Main unit (with cable)	1 pc
Type-C cable	1 pc
Micro USB cable	1 pc
Iphone cable	1 pc
Charging cable	1 pc



VIDEOSCOPE (BASIC TYPE) CODE ISV-E40











magnet pick up (included)



hook (included)



45° mirror (included)

SPECIFICATION

25

SPECIFIC		
	diameter (ØD)	8mm
	pixel	0.92M
	resolution	1280x720
Lens	depth of field	30~80mm
	angle of view	77°
	illumination	3 levels
	dust/waterproof	IP67
Cable	length	1180mm
type		memory (can be set at any shape)
	display	5" IPS LCD
	function	take picture, take video
	file format	picture: JPG, video: MOV
Main	image process	image zoom (1.5X, 2X, 3X, 4X)
unit	memory	memory card (optional)
	output	Туре-С
	power supply	rechargeable lithium battery (for 5 hours working)
	dimension	217×155×131mm
Weight 506g		506g

STANDARD DELIVERY

Main unit	1 pc
45° mirror	1 pc
Hook	1 pc
Magnet pick up	1 pc

OPTIONAL ACCESSORY

32G memory card	ISV-E40-CARD
Card reader	ISV-E40-READER

OPERATION ENVIRONMENT

Operation temperature	-10~50°C
Storage temperature	-20~60°C
Operation humidity	15%~85%



VIDEOSCOPE (ECONOMIC TYPE) CODE ISV-E30









magnet pick up (included)





cable can be wrapped around the main unit

SPECIFICATION

	diameter	5.2mm	
	pixel 0.4M		
Lens	depth of field	30~80mm	
Lens	angle of view	72°	
	illumination	8 levels	
dust/waterproof		IP67	
Cable	length	1m	
type memory (can be set at an		memory (can be set at any shape)	
display		4.3" LCD	
	function take picture, take video		
	file format	picture: JPG, video: AVI	
Main	image zoom	2X	
unit	memory card	memory card (optional)	
	output	micro USB	
	power supply AA battery		
	dimension	154×32.5×87.5mm	
Weight	t	280g	

STANDARD DELIVERY

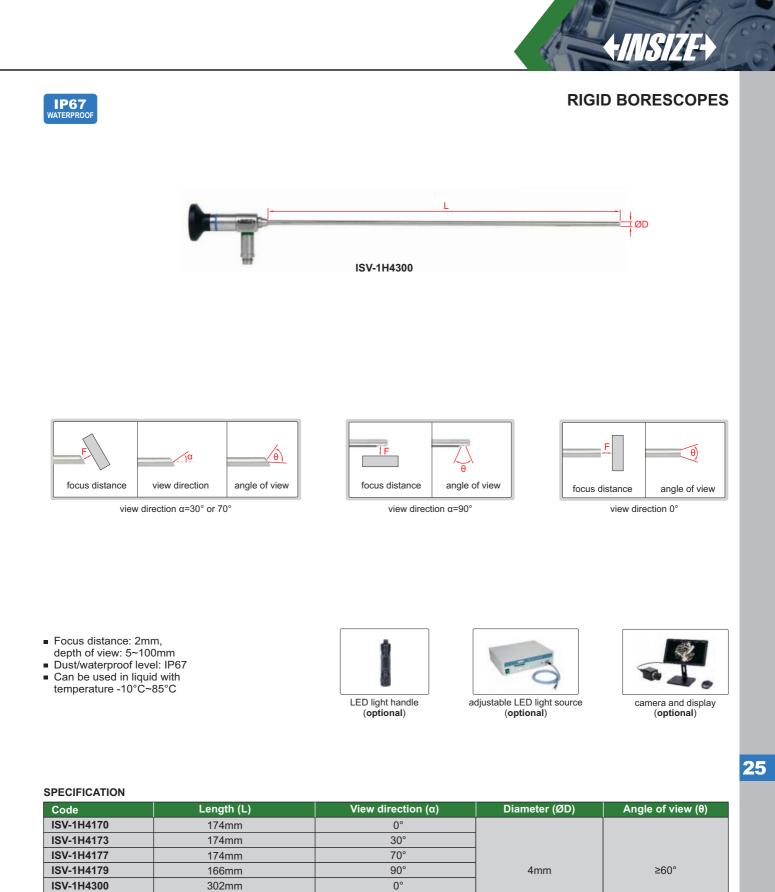
Main unit	1 pc
Hook	1 pc
Magnet pick up	1 pc
AA battery	4 pcs

OPTIONAL ACCESSORY

32G memory card	ISV-E40-CARD
Card reader	ISV-E40-READER

OPERATION ENVIRONMENT Operation temperature -10~50°C

Storage temperature	-20~60°C
Operation humidity	15%~85%



OPTIONAL AG	CCESSORY
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ISV-1H4303

ISV-1H4307

LED light handle	ISV-1HLED
Adjustable LED light source	ISV-1LED1
Camera and display	ISV-2CAM

302mm

302mm

30°

70°



LED LIGHT HANDLE **CODE ISV-1HLED**









For rigid borescopes

SPECIFICATION

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

CAMERA (WITH DISPLAY) CODE ISV-2CAM

STANDARD DELIVERY

Main unit	1 pc
Battery	1 pc
Charger	1 pc







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 - For rigid borescopes
 - 1080P high-definition image
 - Auto-focus camera
 - Take pictures and videos, saved to USB flash disk
 - Automatic white balance and exposure
 - Brightness, contrast ratio, gain are adjustable

STANDARD DELIVERY

Camera	1 pc
Connector	1 pc
13.3" LCD (with stand)	1 pc
16G USB flash disk	1 pc
Mouse	1 pc
HDMI cable	1 pc
Power adapter	2 pcs



16G USB flash disk (included)

SPECIFICATION

1/2.8" CMOS	
2M	
1920×1080	
60fps	
HDMI	
power adapter	
350×100×430mm	
2kg	