FLEXIBLE PICK-UP AND FLASHLIGHT

625

Ø14.6

Ø18

Unit: mm

7164-1
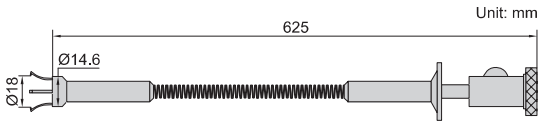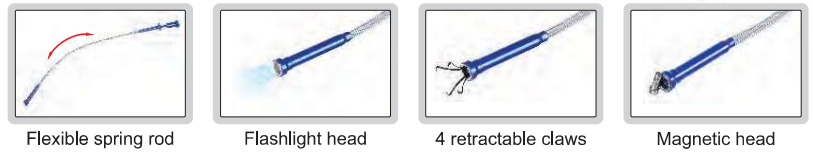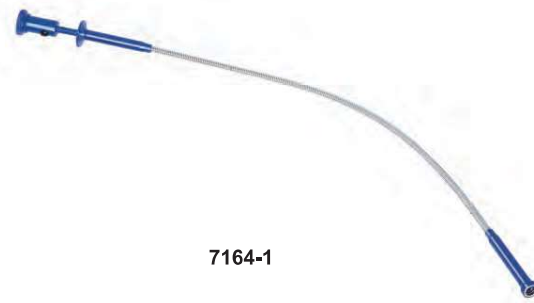
- To illumination, to pick up parts from hidden areas, or to pick up steel parts
- Flexible spring rod, made of stainless steel
- Three LR44 batteries

Code	Magnetic force	Flashlight range	Battery life
7164-1	0.9kgf	1m	24h

Flexible spring rod   Flashlight head   4 retractable claws   Magnetic head

MULTIPURPOSE VIDEOSCOPE

VIDEO

rigid cable (**optional**)

SD card   video output

earphone port   charger port
USB port   cable port

take picture

take video   7" LCD

focusing
(for **VSP-201R**)

power on/off   lens rotation control
(for **VSP-201R**)

main unit

MAIN UNIT (without cable)

Code	VSP-201
Function	take picture, take video
File format	picture: JPG, video: AVI
Image process	brightness, contrast
Memory	32GB
Output	TV, USB
Power supply	rechargeable battery (for 4 hours working)
Dimension	260×170×65mm
Weight	1.2kg

8mm

15mm~∞   90°
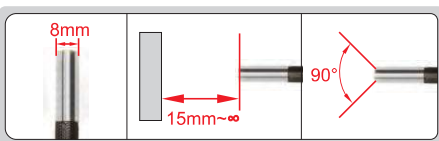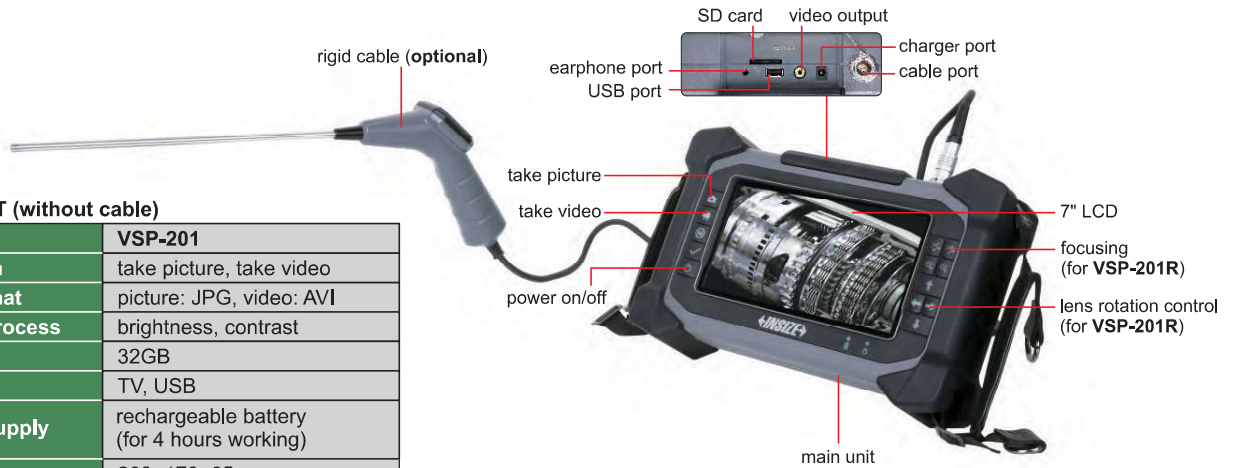
diameter (D)   focus distance (F)   angle of view (θ)

FOUR-DIRECTION CABLE (FRONT VIEW)

Code		VSP-201D
Cable	length	3m
	type	tungsten wire weaved cable
Lens	diameter (D)	8mm
	focus distance (F)	15mm~∞
	angle of view (θ)	90°
	illumination	6 pcs LED
	pixel	1M
	resolution	1280×720
	dust/waterproof	IP67

manual joystick

take picture

bend in any direction   360° swivel in clockwise and counter-clockwise   120° 120° bend within 120°

decrease LED brightness   increase LED brightness

take video

To be continued

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19

374

Continued from previous page

decrease LED brightness — increase LED brightness
take video — take picture

L
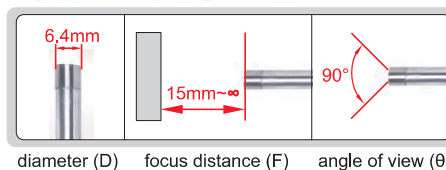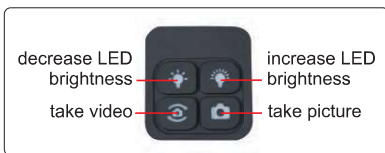
RIGID CABLE

Code		VSP-201H
Cable	length	250mm
	type	stainless steel
Lens	diameter (D)	6.4mm
	focus distance (F)	15mm~∞
	angle of view (θ)	90°
	illumination	6 pcs LED
	pixel	1M
	resolution	1280×720
	dust/waterproof	IP64

6,4mm   15mm~∞   90°

diameter (D)   focus distance (F)   angle of view (θ)

ROTATING LENS CABLE

support wheel (included)

Code		VSP-201R
Cable	length	30m
	type	high strength glass fibre
Lens	diameter (D)	40mm
	focus distance (F)	3mm~∞
	angle of view (θ)	100°
	illumination	12 pcs LED
	pixel	0.3M
	resolution	800×480
	dust/waterproof	IP67
	lens control	motorized

indicator of cable working length (resolution: 0.01m)

rotating lens

±90°   ±180°   40mm   3mm~∞

±90° rotation in radial direction, ±180° rotation in axial direction

diameter (D)   focus distance (F)
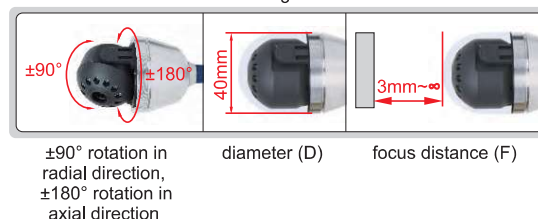
WIDE-ANGLE LENS CABLE

support wheel (included)

Code		VSP-201W
Cable	length	30m
	type	high strength glass fibre
Lens	diameter (D)	24mm
	focus distance (F)	10mm~∞
	angle of view (θ)	100°
	illumination	12 pcs LED
	pixel	0.3M
	resolution	800×480
	dust/waterproof	IP67

indicator of cable working length (resolution: 0,01m)

wide-angle lens

100°   24mm   10mm~∞

angle of view (θ)   diameter (D)   focus distance (F)
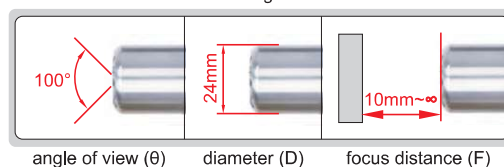
application

ADJUSTABLE SUPPORT

Code	Working diameter (D)	Remark
VSP-201-R200	60~200mm	for VSP-201R or VSP-201W

D

PIPE VIDEOSCOPE
CODE ISV-VP280

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

IP68 WATERPROOF

VIDEO

- 3.5" LCD
- take picture
- take video
- power on/off
- cable length: 30m
- indicator of cable working length

lens with adjustable LED illumination

stand

vertical use   horizontal use
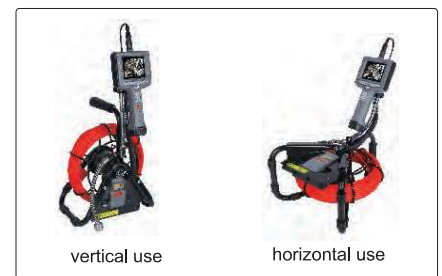
SPECIFICATION

Lens	diameter	28mm
	dust/waterproof	IP68
	pixel	0.3M
	resolution	640×480
	frame	30fps
Cable	length	30m
	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

10mm~∞

focus distance

150°
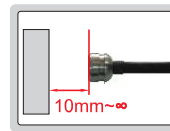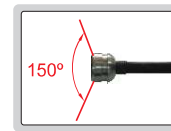
angle of view
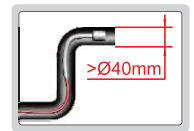
>Ø40mm

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

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

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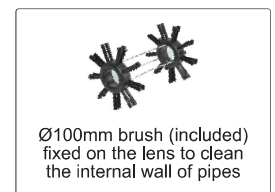
STANDARD DELIVERY

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

OPTIONAL ACCESSORY

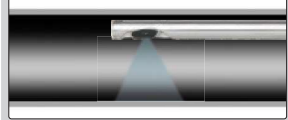|	
Ø50mm centering ring	ISV-VP280-R50
Ø150mm brush	ISV-VP280-B150

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SIDE VIEW VIDEOSCOPE (RIGID)
CODE ISV-RV

IP57
WATERPROOF

to observe internal wall of holes (minimum diameter Ø10mm)

lens
adjustable LED illumination
handle
connection cable

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

STANDARD DELIVERY

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

54°
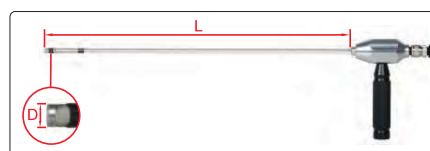angle of view
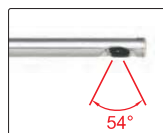
4.5~5.5mm
focus distance

side view

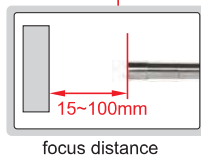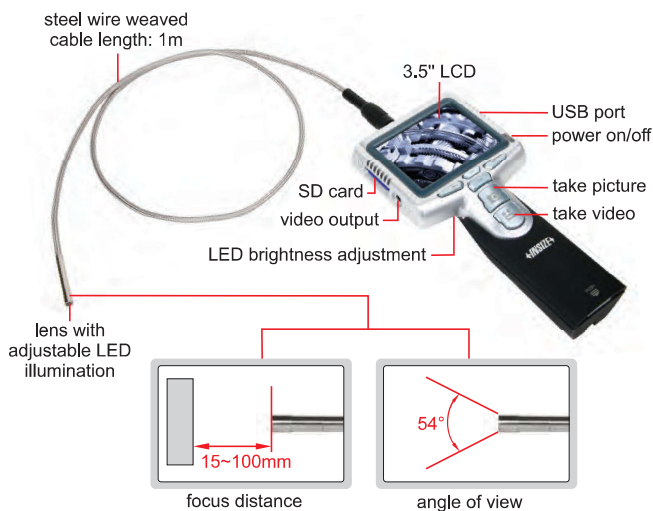output image to TV (maximum size 12")

L

D

VIDEOSCOPE
CODE ISV-E10

ATTENTION: THE CABLE CAN BE BENT BUT CAN'T BE SET AT A FIXED SHAPE
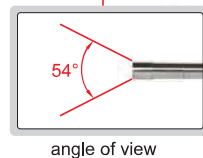
OPTIONAL CABLE LENGTH 3M, 5M AND 10M

IP65
WATERPROOF

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

STANDARD DELIVERY

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

steel wire weaved cable length: 1m

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

lens with adjustable LED illumination

15~100mm
focus distance

54°
angle of view
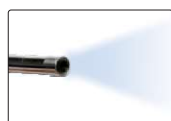
front view
side view (with mirror)

OPTIONAL ACCESSORY

35° mirror	ISV-E55-M35
60° mirror	ISV-E55-M60
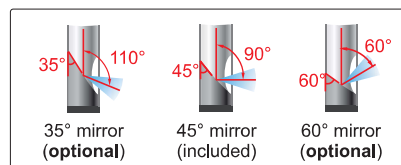
35° 110°
35° mirror (optional)

45° 90°
45° mirror (included)

60° 60°
60° mirror (optional)

VIDEOSCOPE
CODE ISV-E20
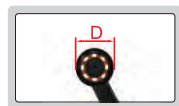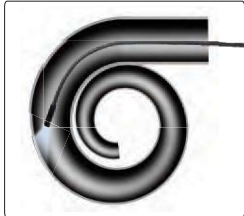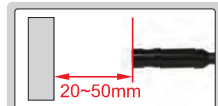
IP57 WATERPROOF

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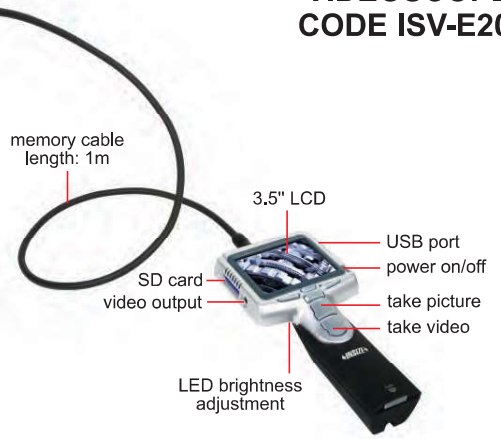
lens with 8 pcs LED adjustable illumination

20~50mm
focus distance

54°
angle of view

memory cable length: 1m

3.5" LCD

USB port
power on/off
SD card
video output
take picture
take video

LED brightness adjustment

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

45° mirror (**optional**)

hook (**optional**)
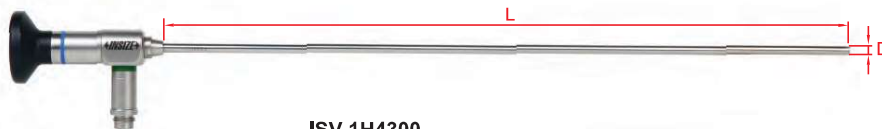
magnet pick up (**optional**)

STANDARD DELIVERY

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

OPTIONAL ACCESSORY

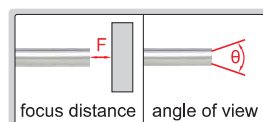| 45° mirror	ISV-E20-MIRROR
Hook	ISV-E20-HOOK
Magnet pick up	ISV-E20-MAGNET

RIGID BORESCOPES

IP67 WATERPROOF
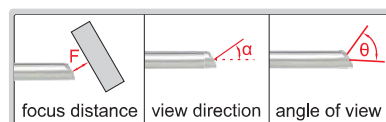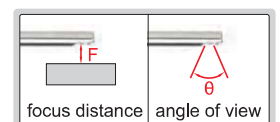
ISV-1H4300

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

F
focus distance | angle of view
view direction 0°

F
focus distance | view direction | angle of view
view direction α=30° or 70°

F
focus distance | angle of view
view direction α=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 and display	ISV-2CAM

LED light handle (optional)

adjustable LED light source (optional)

camera and display (optional)

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LED LIGHT HANDLE
CODE ISV-1HLED

- For rigid borescopes

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	1 pc
Battery	1 pc
Charger	1 pc

ADJUSTABLE LED LIGHT SOURCE
CODE ISV-1LED1

- For rigid borescopes
- 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	1 pc
1.8m optical fiber cable	1 pc

CAMERA (WITH DISPLAY)
CODE ISV-2CAM

VIDEO

TAKE PICTURES AND VIDEOS   AUTO FOCUS

13.3" LCD

USB port
HDMI port
power port
camera
connector
mouse

- 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

SPECIFICATION

Sensor	1/2.8" CMOS
Pixel	2M
Resolution	1920×1080
Frame rate	60fps
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	350×100×430mm
Weight	2kg

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)

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