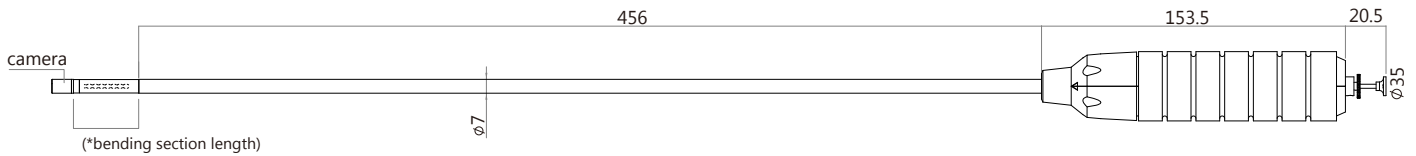


**Feature ■**

- 1080p High resolution borescope inspection
- (D)7 x 11(L)mm short camera head!
- (D)8 x 11(L)mm camera head! (with 158° lens)
- Camera setting can be adjusted by software!
- UVC signal output
- LED brightness control
- Steel rigid camera length!



unit: ±0.2mm

180° Bending angle	Short Camera Head	Flexible Control Camera	Dimmer Brightness control	UVC Video Output	Full HD High Resolution	Adjustable Camera Setting	29°C Low Temperature	IP66 Waterproof



**Specification**

Model	Resolution	Interface	Bending section length(mm)	Bending angle	Radius of gyration (at angle 90°)	Camera Head(mm)	Built-in lens / view angle	LED	
80-SVD708-311-1W-xx	1920x1080 @60fps MJPEG	USB 3.0	33mm	180°	28mm	77° Ø7 x 7	<b>77° lens:</b> 1.83mm/F2.0/F5.0/F8.0 (H= 69°; V= 43°; D= 77°)	6 pcs (white)	
80-VD708-311-1W-xx	1920x1080 @15~30fps MJPEG	USB 2.0				88° Ø7 x 7			<b>88° lens:</b> 1.55mm/F5.7 (H=48.4°; V=78.3°; D=86.8°)
80-SVD700-311-1W-xx	1920x1080 @60fps MJPEG	USB 3.0	33mm	180°	35mm	77° Ø7 x 10	<b>93° lens:</b> 1.5mm/F5.7 (H=81°90°;V=50°18°;D=93°)		8 pcs (white) for 158° lens
80-VD700-311-1W-xx	1920x1080 @15~30fps MJPEG	USB 2.0				93° Ø7 x 10			

Snapshot & Freeze Function	support
LED dimmer	support
Camera parameter setting on smartphone	support
Compatibility with wifi DVR (MP-WF580K)	support
UVC format	MJPEG
Image sensor	1/6" Digital CMOS Camera Module
Image area	2.7288x1.5498mm
Sensitivity	553 mV/(Lux-sec)
Dynamic range	73.3 dB @ 15.5x gain
Power source	DC 5V (USB)
Power current	160mA
Scan mode	progressive
FID	45-20-70
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Operating system	Windows XP, windows Vista, window 7, windows 8, windows 10, Linux, MAC OSX



Flexible control of camera articulation angle by using the push-handle. The articulation angle can be locked/unlocked at any degree

**2 Methods to Control Camera Head!**

**Unlocked**

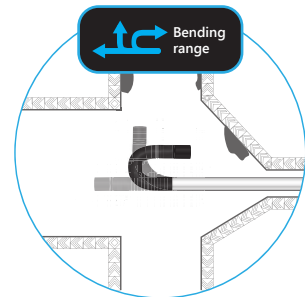
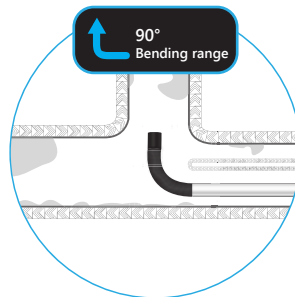
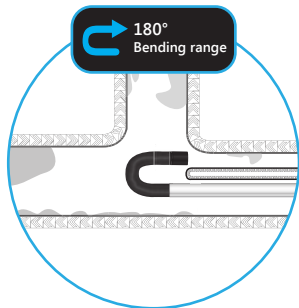


**locked**



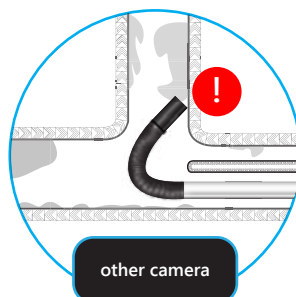
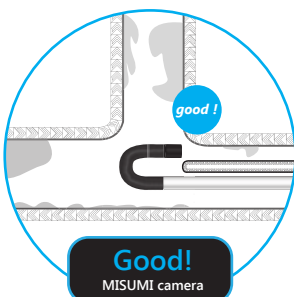
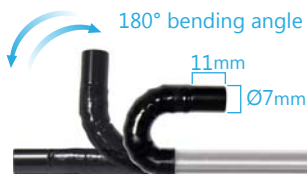
**180-degree view angle!**

180-degree viewing angle makes it easier to check!



**Ø7x11mm Short Camera Head!**

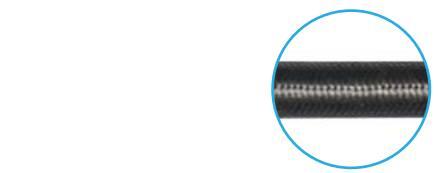
Camera diameter is 7mm and length is 11mm. Short tube head can help you to inspect hard reachable places or angles.



**The material of Camera Cable**

Different material of the cable for different application.

Nylon Braided Sleaving



Steel Tube



**VideoScope Type**



**1080p Outstanding Quality & UVC signal output !**

1080p Full HD resolution and UVC signal output. Compatible with PC, MAC and Android devices.



**Camera parameter adjustable**

Camera parameter can be adjusted on the smartphone via the Misumi app.

- Brightness
- Gain
- Contrast
- Gamma
- White Balance
- Exposure time ABS
- Sharpness
- Backlight Compensation
- HUE
- Saturation
- Mirror
- Flip
- Frame rate
- Resolution



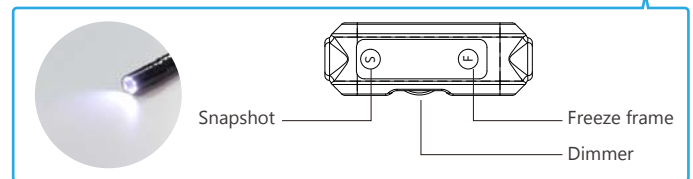
**Low Temperature**

Operating temperature of camera head is only 29 degree !



**Dimmer / Freeze / Snapshot**

The LED brightness can be adjusted by the environment. Freeze frame and Snapshot function.



**Model information**

**80-VD700-311-1W-77**

①                      ②                      ③                      ④                      ⑤

① CABLE TYPE	② CONNECTOR/ CAMERA OUTER DIAMETER	③ CAMERA TYPE	④ ARTICULATION	⑤ LENS(angle)
*10 Nylon Braided Sleaving / tungsten mesh	<b>VD700</b> USB 2.0 A type / Ø7mm	<b>311</b> 1080p Color CMOS	<b>1W</b> 1-Way articulation	<b>77</b> 1.83mm/F5.0/8.0(77°)
*20 Spring Cable	<b>VM700</b> Micro USB B type / Ø7mm	<b>209</b> 720p Color CMOS	<b>*2W</b> 2-Way articulation	<b>88</b> 1.55mm/F5.7(88°)
*40 Memory Cable	<b>VT700</b> USB 2.0 type C / Ø7mm	<b>200</b> VGA Color CMOS	<b>*2D</b> 2-Way articulation	<b>93</b> 1.5mm/F5.7(93°)
80 Rigid Tube	<b>SVD700</b> USB 3.0 A type / Ø7mm		<b>*4W</b> 4-Way articulation	<b>158</b> 1.523mm/F4.8(158°)
	<b>SVT700</b> USB 3.0 type C / Ø7mm			<b>76</b> 1.32mm/F3.5(76°)
	<b>VD708</b> USB 2.0 A type / Ø7mm			<b>128</b> 1.00mm/F4.8(128°)
	<b>VM708</b> Micro USB B type / Ø7mm			<b>73</b> 1.33mm/F2.0(73°)
	<b>VT708</b> USB 2.0 type C / Ø7mm			
	<b>SVD708</b> USB 3.0 A type / Ø7mm			
	<b>SVT708</b> USB 3.0 type C / Ø7mm			

\* Coming Soon

76° & 128° for camera type "209"  
73° for camera type "200"