

New Splus Videoscope



- Interchangeable probes
- 8" high resolution touchscreen
- Dual Cam for forward and side view

Technical data



Brilliant high resolution
8" touchscreen



Forward view



Forward view + side view

Quickly exchangeable probes
with different diameters and
working lengths



Robust articulation mechanism
and probe bending for 360°



Latest CMOS camera
technology and controlling
system for precise steering

Camera technology

CMOS

Illumination

LED or Fiber-optic (available in
white-, infrared- or ultraviolet-light)

Display

High resolution 8" touch screen

Power supply

4 rechargeable batteries, Type:
18650-protected; USB-C
power adaptor

White balance

Automatic or manual

Image storage

Photo

JPG, bmp, png

Video

AVI, mpeg

Medium

SD card or PC through USB-C

Articulation

Control

4-way motorized with joystick
Real time with lock function

Connections

SD Card, USB-C, HDMI,
Power adaptor

Wireless

WLAN

Base unit and probe

Protection class

Handset IP54, Probe IP67

Ambient temperature

Handset -10°C to +50°C,
Probe -20°C to +70°C

PROBE VERSIONS

Diameter [mm]	Working length						
	0.5 m	1 m	1.5 m	2 m	3 m	5 m	8 m
1.1 mm	•	•	•				
1.6 mm*	•	•	•				
2.2 mm*		•	•	•	•		
2.9 mm*		•	•	•	•		
3.9 mm**		•	•	•	•		
6.1 mm		•	•	•	•	•	•
8.4 mm					•	•	

* Tolerance max. 0.1 mm

** Tolerance max. 0.2 mm

	FN		FM		SN		SM		DN		DM	
	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]	DOF [mm]	FOV [°]
1.1 mm	3 - 20	120										
1.6 mm*	3 - 20	120										
2.2 mm*	3 - 50	120			1 - 20	120						
2.9 mm*	3 - 50	120			3 - 50	120			3 - 50 3 - 50	120 120		
3.9 mm**	3 - 50	120	8 - 100 / 10 - 200	120 / 110							5 - 100 3 - 50	100 120
6.1 mm			8 - 100	120	3 - 50	120	8-150	120			8 - 100 5 - 50	100 100
8.4 mm											8 - 100 5 - 50	100 100

FN Forward Near

FM Forward Mid

FF Forward Far

* Tolerance max. 0.1 mm

Customized performance on request.

SN Side Near

SM Side Mid

DN Dual-Cam Near

** Tolerance max. 0.2 mm

DM Dual-Cam Mid

INCLUDED ACCESSORIES

- Transportation case (trolley)
- Signal cable for Splus
2m (between monitor and probe handle)
- Battery charger (4-slot)
- Li-Ion rechargeable batteries (type 18650B), 4 pieces
- Power adapter

Subject to technical changes.

OPTIONAL ACCESSORIES

- GTR (Guide Tube Rigid) with handle
- Dekabon tubing (semiflexible guide tube)
- Centering aid (for centering video probes in tubes)
- WLAN SD card, SD USB reader
- Li-Ion Akku (Typ 18650B)



MORE INFO

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