



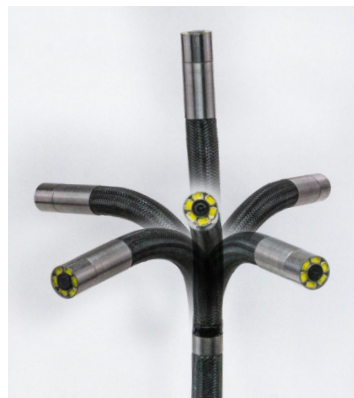
Danatronics' new DG+ Series of affordable hand-held videoscopes with interchangeable camera cables is now available in 2mm (2-way articulating), 4mm and 6mm options. The 4mm and 6mm options have full, joystick controlled, 360 degree articulation providing the user with full control over where they're steering the camera or looking. In an effort to provide the user even more control over their inspection, the DG+ also has interchangeable camera cables. Using one display you can use both a 1M long 2.8mm diameter scope for your smallest applications and a 6mm scope for your more standard applications.

**FEATURES**

- 360 Degree Full Articulation
- Interchangeable Camera Cables
- 5" High Resolution TFT Display
- Rear Auxiliary Light Source for Dark Environments
- Real Time 3X Digital Zoom

**TYPICAL APPLICATIONS**

- |                |                   |
|----------------|-------------------|
| ■ Machinery    | ■ Casting         |
| ■ Airframes    | ■ Heat exchangers |
| ■ Boiler tubes | ■ Gas turbines    |



# DG+ Videoscope's patented cable connection allows for fast cable changes



## Specifications DG+ Videoscope

### GENERAL

<b>LCD Monitor</b>	5 inch	<b>Video Output</b>	Manual, NTSC/PAL
<b>Video Frame Rate</b>	30fps	<b>Memory</b>	8 Gb
<b>Video Output</b>	AV	<b>Languages</b>	14
<b>USB Port</b>	Mini USB B	<b>Operating/Storage</b>	-10° to 50° C

<b>Camera</b>	<b>Diameter</b>	2.8 mm	4.5 mm	6.2 mm/6.4 mm (IP67)
	<b>Material</b>	Stainless Steel	Titanium Alloys	Titanium Alloys
	<b>Ingress Protection</b>	IP64	IP64/IP67*	IP64/IP67*
	<b>Image Sensor</b>	CMOS	CMOS	CMOS
	<b>FNO</b>	5	4	4.5
	<b>Illumination</b>	High Intensity LED	High Intensity LED	High Intensity LED
	<b>Camera Length</b>	10 mm	15 mm	15 mm
	<b>Pixels</b>	100,000	400,000	440,000
	<b>Field of View</b>	120°	80°	120°
	<b>Depth of Field</b>	5 mm-30 mm	10 mm-100 mm	10 mm - ∞
<b>Insertion Cable</b>	<b>Length</b>	1 M	2 M, 3 M	2 M, 3 M
	<b>Material</b>	Stainless Steel	Tungsten	Tungsten
<b>Articulation</b>	<b>Angle</b>	>90° (2-way)	>90° (360°)	>90° (360°)
	<b>Operation</b>	Manual Joystick	Manual Joystick	Manual Joystick
	<b>Probe Interchangeability</b>	Available	Available	Available
	<b>Display Size</b>	5 inch	5 inch	5 inch
	<b>Housing material</b>	ABS	ABS	ABS
	<b>Resolution</b>	800*480	800*480	800*480
	<b>Contrast</b>	500:1	500:1	500:1
	<b>Brightness</b>	350 CD/m <sup>2</sup>	350 CD/m <sup>2</sup>	350 CD/m <sup>2</sup>
<b>Power Supply</b>	<b>Battery</b>	3.7V/6000MAH Li-ion Battery		
	<b>Operation Time</b>	4 hours +		
	<b>Charging Time</b>	5 Hours		
	<b>AC Input</b>	AC 100-240 V 50/60 Hz 0.35A		
	<b>AC Output</b>	5V/2A		



**Danatronics Corporation**, 150A Andover St., Suite 8C, Danvers, MA 01923  
 Tel: 978-777-0081 • Fax: 978-777-3798 • [www.danatronics.com](http://www.danatronics.com)