

# G+ HD Videoscope

360°

## Flexible 360° jostick controlled steering.

 $\textbf{G}^{+}$  series videoscope is adapted cable plug-in-out cable technique. One monitor can be matched to 4mm or 6mm cable.

 $G^{\dagger}$  series videoscope is widely used in wind turbine gearboxes, automobile castings and assembly, precision pipelines, aircraft turbofans, detection of engine components, and other NDT fields.



#### Rear-mounted high brightness light source

#### **Features**

- Wide application ,one host system can complete the detection for different working conditions;
- : More convenient for maintenance;
- :: 360 ° full articulation
- Rapid insertion cable module, different testing cable can be replaced in 5 seconds;
- **5** inch TFT high resolution display monitor;
- Rear high-brightness lighting system, emergency lighting and auxiliary light source are available in the dark environment.







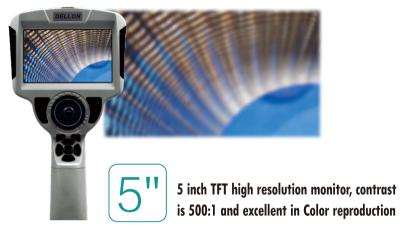
### Quickly change cable in 5 seconds

Patented technology of quick replacing cable from back side in 5 seconds









It is adapted 15:9 industrial high definition LCD monitor, resolution is 800X480, contrast is 500:1. It is equipped with AV port, memory is 8GB, real time image can be 3X zoom.

The outstanding feature is the interchangeable cable design. Operators change different cable in 5 seconds. It can be interchanged between 4mm and 6mm diameter cables. 360° Joystick steering makes the inspection more easy.

Camera is 440,000 pixel CMOS, focus is  $90^{\circ}$ , the high definition camera gives the operator clear and precise video and pictures. The high intensive LEDs is 60,000 Lux and is 5 level adjustable.

#### G+ HD Videoscope Technical Parameters

LCD monitor	5 inch
Resolution	800*480
Contrast	500:1
Brightness	300 CD/m <sup>2</sup>
Video frame rate	30fps
Steering control	360° joystick control
Interchangeable cable designed	Easy and interchangeable from the back controler
Video output	AV
USB port	Mini B USB port
Light source	High intensive LEDs
LEDs life	100,000 hours
Brightness control	Manual 5 levels
White balance/AGC/exposure	Automatic
Video out put	Manual,NTSC/PAL

Memory	8G	
Operation system	Multitasking operating system, menu driven and key operation	
Photo control	Real time 3X digital zoom, stored pictures 3X digital zoom	
Photo format	JPEG 640*480	
Software update	Via USB memory card at site	
Language	14 languages	
AC power supply input	AC 100~240V 50/60Hz 0.35A	
AC power supply output	5V 2A	
Li-ion	3.7V/6000MAH	
Charging hour	4 hours	
Battery operation hour	5 hours	
Probe durable temperature	-10°∼50°C	
Controller durable temperature	-10°∼50°C	
Storage	-10°∼50°C	

#### G+ HD Videoscope Product Specification

	4mm digital camera lens
Pixel	400,000 pixel
Focus	80°
Depth of view	10~80mm
Cable length	2 meters
Material	Tungsten braided
Ingress protection	IP64