

BCS

MILITARY OPTICS



High Resolution Industrial Videoscope

High Resolution PRO HD Videoscope

The BCS PRO HD videoscope is a compact portable system (0.6kg) made of high resolution camera 720P mounted on an articulated probe 360°.

It offers a large 5.0 Inch LCD screen which is ideal to visualize the smallest details during the inspection. A powerful illumination & a large choice of diameters and working lengths allow our PRO HD to set the landmarks of high quality industrial remote vision inspections in a large array of sectors

Complete Interface

GRID - MULTI LANGUAGES - IMAGE
ROTATION - MINI HDMI - MICRO SD
CARD PORT - FILE RENAMING

Record Photos & Videos

HIGH RESOLUTION UP TO
720P(1280 x 720 PX) WITH
ECONOMIC HANDLE ON
VIDEOSCOPE

FULLY CUSTOMISABLE TO YOUR REQUIREMENTS

MULTIPLE LIGHT OPTIONS

White Light (LED or Fiber Optic)
Infrared 940 NM
Ultraviolet 365 NM

With its large choice of interchangeable video
probes 100% compatible,

The PRO HD Series will do the Job
Temperature warning available on Ø 6.0mm

Dual Lens Camera



3 TYPES OF FOCUSING



3 mm - 100 mm



10 mm - 200 mm



50 mm - Infinity



ANDROID WIFI Module

Share live images and view inspection on Android tablet or smartphone via BCS VLC viewer



LARGE CHOICE OF VIDEO PROBES

Choose among small diameter, with or without articulation, rigid, heat resistant, different focusing or illumination mode probes to customize your video scope and optimize your inspection experience.

- ✘ IP67, Water And Oil Resistant
- ✘ Working Lengths Up To 10 Mtrs As Standard
- ✘ 4 Layer Tungsten Sheathing. Wear Resistant
- ✘ Diameters 1.2 - 1.8 - 2.4 - 2.8 - 3.9 & 6.0 mm
- ✘ Anti Scratch Covering In Pvc Or Fluorosilicon On Request

QUICK CHANGE

Swap within 30 seconds
between 2 probes



SUITABLE APPLICATIONS



AEROSPACE

Inspect Boosters Without Time Consuming Unmounting



INFRASTRUCTURE

Control Integrity Of Bridges, Buildings, Canal Systems



QUALITY CONTROL

Use Micro Diameters To Check For Cracks, Burrs and Rust



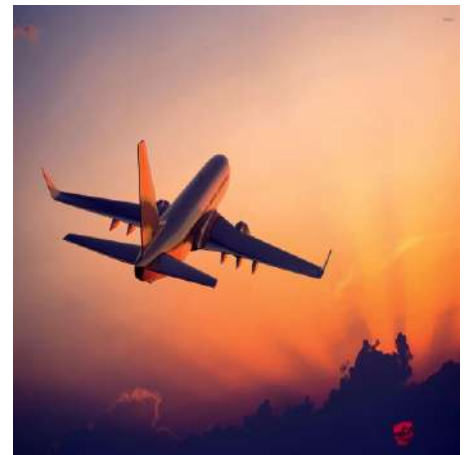
SECURITY FORCES

Infrared Descreet Inspection Of Rooms And Cargos



TRANSPORT

Inspect Molded Engine Parts And Automotive Components



AIRSPACE

Check Airframes, Turbines And Helicopter Blades



INDUSTRIAL PROCESS

Routine Check Of Pipes And Welding In Oil Plants



ENERGY PRODUCTION

Inspect Pipes, Parts, Power Generators Heat Exchangers



RESEARCH & DEVELOPMENT

USE MICRO DIAMETER TO VALIDATE A PROCESS OR NEW IDEA

PRO HD ACCESSORIES

BCS PRO HD Videoscope accepts different accessories to improve and further the quality and comfort of the inspection



Battery Pack

Li-ion Rechargeable &
Shock Proof 1 Meter



Can Be Exchanged In
Seconds. With Charge Indicator.



RIGID GUIDES

Stainless Steel Guides
Working Length 430mm



Ideal To Inspect Large
Diesel Engines, Power
Generators Or Bottles



Clamp

Opening Up To 55mm On
Square & Round Tubes



Allows You To Work With
Both Hands For A Better
Control Of The Part



Standard Case

Military Specification
Compact, Waterproof, Easy
To Carry Around. Includes
All Standard Accessories

Standard Case Includes

1 SD Card Reader, 1 HDMI Cable, 1
Cleaning Kit, 1 SD Card 32 GB, 1
Battery Charger USB + 12V
Cigaret Lighter Plug



Extra Probe Case

Internal Reel For Long
Probes Up To 10 Meters And
Spare Battery And Accessories

Customisation

Build Your Own Case.
Different Colors And Logo Available

**BCS PROVIDE SPECIAL CASES AND KITS SPECIALLY
DEDICATED TO YOUR REQUIREMENTS.**

CASES CAN BE CUSTOMIZED FOR ANY PARTICULAR SITUATION

TECHNICAL DATA	Pro HD 1.2	Pro HD 1.8	Pro HD 2.4	Pro HD 2.8	Pro HD 3.9	Pro HD 6.0
Camera Diameter	1.2 mm	1.8 mm	2.4 mm	2.8 mm	3.9 mm	6.0 mm
Monitor	5-Inch-Wide Angle High Definition LCD screen (350 x 155 x 59 mm)					
Probe Length	1 mtr	1.0 mtr	1.0 to 2 mtrs	1.0 to 3 mtrs	1.0 to 6 mtrs	1.0 to 10 mtrs
Articulation	None	2 Way - 180°	2 Way - 180°	4 Way - 360°	4 Way - 360°	4 Way - 360°
Camera Resolution	100,000 pixels	300,000 pixels	300,000 pixels	300,000 pixels	1,000,000 pixels	1000,000 pixels
Digital Zoom	X3 Digital Zoom					
Direction of View	0°	0°	0°	0°	0° / 90°	0° / 90° / Dual Camera
Field of View	90° Degree - 120° Degree					
Focus Distance	3-70mm	2-80mm	3 - 100 mm	3-120mm	12- 200 mm	50 - Infinite
Illumination	Rear High-Power LED Fiber Optic Transmission					
Power	110 220 Volt Multi Adapter Plug EU / US / GB					
Image Resolution	800 x 640	800 x 640	800 x 640	800 x 640	1280 x 720	1280 x 720
Video Resolution	800 x 640	800 x 640	800 x 640	800 x 640	1280 x 720	1280 x 720
Working Temp Host	-10° to +50° C					
Storage Temp Host	-20° to +60° C					
Working Temp Probe	-30° to +80° C					
Relative humidity	Max 90%, No Condensation					
Protection Grade	Insert Probe IP67 / Host IP55					
Gross Weight	0.6 kgs Without Probe					
Warranty	1 Year					



Contact



UK: +44 7464 727015
Asia: +66 84 3209 106



Registered Office:
Suite G31 Genesis Centre
Innovation Way
Stoke-on-Trent ST6 4BF



Web: <https://borecleaningsystems.com>
Email: [info@borecleaningsystems.com/](mailto:info@borecleaningsystems.com)



Thailand:
86, 88 Soi Ramkhamhaeng
60/4 Huamark, Bangkok
Bangkok, Thailand 10240