

GENERAL®

Rugged VGA Recording Video Borescope System

Super High-Performance Rugged VGA Recording Video Borescope System with 7 inch LCD

Ideal for professional close-up inspections of hard-to-see and hard-to-reach areas

Features:

- General's best super high-performance video borescope system
 - 7 in. Screen
 - Rugged
 - VGA Recording
 - VGA Resolution Probe
- Super-clear viewing on 7 in. (178mm) diagonal LCD with high-definition 800 x 480 pixel resolution
- 1m (39 in.) long, 5.5mm (0.22 in.) diameter soft metal probe with 640 x 480 pixel (VGA) resolution camera
- Camera's six LEDs—four facing forward and two at an angle—provide glare-free lighting in any environment
- Light boost, anti-reflection and 90° frame rotation buttons on probe handle maximize visibility of any inspection target
- Probe and stainless steel camera head are IP67 water, oil and dust-proof. Console is IP57 water, oil and dust-proof as well as drop-proof from height of 1m (39 in.)
- Records VGA resolution video clips (with voice annotation) and still images using familiar menu-driven user interface. Saved video and photo files incorporate real-time brightness and zoom adjustments made prior to recording or "on the fly" to optimize target clarity and detail
- Easy-to-navigate album-style (3 x 3 grid) display of all stored media files
- Different areas of interest on saved photos can be selected for extreme close-up viewing
- Field of view can be enlarged up to 5X, mirrored horizontally, or rotated 90°, 180° or 270°. Features can be applied alone or together to make targets easier to inspect and serial numbers easier to read.
- 4GB SD memory card
- Analog video out/headphone jack
- USB cable for uploading media on SD card to PC without ejecting card
- 110° mirrored probe viewing tip
- Adjustable Auto Power Off triggering time
- Choice of 27 menu languages
- Custom airtight hard plastic carrying case
- Hand strap and tripod mount
- Powered by rechargeable Lithium-polymer battery

CE FC

No. DCS2000



The anti-reflection function of the DCS2000's VGA resolution probe



Rugged VGA Recording Video Borescope System

Specifications:

Console Display Size, Type: 7 in. (178mm) diagonal TFT color LCD

Console Display Resolution: 800 x 480 pixels

Console Ingress Protection: To water, oil & dust per IP55 standard

Console Impact Resistance: Drop from height of 1m (39 in.)

Console Recording Resolution: 640 x 480 pixels (VGA)

Video File Format/Photo File Format: .avi/.jpg

Video Zoom Options: 1.5x 2.0x, 5.0x

Frame Rotation Options: 90°, 180°, 270°

Interfaces: Analog audio/video & USB 2.0 jacks

Analog Video Out Formats: NTSC and PAL

Video Frame Rate: 30 frames per second (fps)

Compression Format: Compatible with MPEG4

Recording Medium:

Standard-size SD card of up to 32GB capacity (4GB card included)

Capacity of Included 4GB SD Card:

Three hours of VGA resolution video consuming an average of 26 Mbytes/minute

Menu Languages:

English, French, German, Italian, Spanish, Portuguese, Japanese, Traditional Chinese, Simplified Chinese, Danish, Dutch, Polish, Russian, Bulgarian, Turkish, Swedish, Finnish, Norwegian, Estonian, Lithuanian, Latvian, Hungarian, Czech, Slovak, Slovenian, Romanian, Greek

System Operating Temperature: 14° to 140°F (-10° to 60°C)

System Storage Temperature: -4° to 176°F (-20° to 80°C)

Dimensions of Console: 9.45 x 6.06 x 1.85 in. (240 x 154 x 47mm)

Weight of Console: 2.6 lb. (1.18kg)

Power Source: Rechargeable Lithium-polymer battery

Battery Life (typical): 6 hours operation

PROBE/CAMERA HEAD

Probe Length, Type, Diameter: 1m (39 in.), soft metal, 5.5mm (0.22 in.)

Diameter of Camera Head with Thread Protector Installed: 6mm (0.23 in.)

Probe Handle Controls: Light boost, anti-reflection, 90° image rotation

Probe/Camera Head Ingress Protection:

To water, oil & dust per IP67 standard

Camera Resolution: 640 x 480 pixels (VGA)

Camera Depth of Field: 0.25 to 12 in. (6.4 to 300mm)

Camera Field of View: 60°

Camera Lighting: Six LEDs—four forward-facing, two at an angle

Probes and Accessories Compatible with the DCS2000:

UPC	NO.	DESCRIPTION	CAMERA HEAD DIAMETER	PROBE LENGTH	DEPTH OF FIELD
01575 9	P16HPART	VGA Resolution Articulating Probe	6.0mm (0.23 in.)	1m (3.28 ft.)	0.25 to 12 in. (6.4 to 300mm)
01621 3	P16HP2ART			2m (6.6 ft.)	
01622 0	P16HP3ART			3m (9.8 ft.)	
01576 6	P16181HP (included with DCS2000)	VGA Resolution Probe	5.5mm (0.22 in.)	1m (3.28 ft.)	0.25 to 12 in. (6.4 to 300mm)
01644 2	P16182HP			2m (6.6 ft.)	
01645 9	P16183HP			3m (9.8 ft.)	
01578 0	P16PIP	Pipe & Duct Inspection Probe & Reel Set	28mm (1.1 in.)	22m (72 ft.)	0.4 in. (10mm) to infinity
01502 5	SDRD1	USB SD Card Reader		—	



Stand

Includes:

Console, VGA Resolution Probe, 110° Mirror, 4GB SD Card, USB Cable, AC Adaptor, Hard Case, Hand Strap, User's Manual, 1 Year Limited Warranty



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DCS2000SS Printed in USA 05/14



Ideal for identifying safety problems on aircraft engines and heavy equipment



Saves time and money on automotive maintenance and repair