



# Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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We Identify and **S.T.O.P.** Your Noise Problem

**GENERAL**

**DCS400 SERIES**

**Video Over  
Internet Capability**

**SEEKER 400  
SERIES**

**Wireless Recording  
Video Inspection Systems**

**Wireless, Video and Still Image Recording Digital Camera  
Scopes for the Visual Inspection of Inaccessible Areas**



**Includes:**

Custom Hard Case, Pistol Grip Camera Handle with 1m Long, Flexible-Obedient Probe, Detachable Wireless Monitor, 2GB Micro SD Memory Card, 3 Accessory Tools, 1 Mini-Screwdriver, USB and Video Interconnect Cables, Built-in Magnets, 2 Lithium-ion Rechargeable Batteries with AC Adapter/Charger, Instruction Manual, 3 year Limited Warranty

**Applications:**

• Ideal for: Automotive, Plumbing, Construction and Restoration, HVAC/R, and any other Inspection of Hard-To-Reach and Hard-To-See Areas

**System Descriptions:**

There are 3 SEEKER 400 Series systems available:

- 1) The **DCS400 System** with a 12mm (0.47 in.) diameter x 1m (3.28 ft.) long flexible-obedient close-focus\*1 camera tipped probe (Depth Of Field 0.5 to 5.0 in. (12.7 to 127mm))
- 2) The **DCS400-05 System** with a 5.5mm (0.22 in.) diameter x 1m (3.28 ft.) long flexible-obedient close-focus\*1 camera tipped probe (Depth Of Field 0.5 to 5.0 in. (12.7 to 127mm))
- 3) The **DCS400-09 System** with a 9mm (0.35 in.) diameter x 1m (3.28 ft.) long flexible-obedient close-focus\*1 camera tipped probe (Depth Of Field 0.5 to 5.0 in. (12.7 to 127mm))

**Features:**

- Wireless Interface with optional RCV100 module enables live streaming video over the Internet.
- 3.5 in. (88.9mm) diagonal TFT-LCD Wireless Color Monitor can be detached from the unit for remote viewing up to 10m (32 ft.) away
- Monitor features 4x zoom and 180° image flip features
- Both monitor and handle use rechargeable Lithium-Ion batteries which can be charged at the same time using the included one-into-two charging cable
- View results in real-time, record video and capture/save still photos (JPEG). Up to 3 hours of video (AVI)
- NTSC or PAL compatible
- Built-in magnets and stand facilitate hands-free operation
- Choice of 5 menu languages: English, French, Spanish, Chinese and Portuguese
- Interchangeable probes in multiple sizes

**Specifications:**

**DETACHABLE, WIRELESS MONITOR:**

**Display:** 3.5 in. (88.9mm) diagonal TFT LCD Color Screen  
**Resolution:** 320 x 240 Pixels  
**Video/Image Resolution:** 320 x 240 Pixels (AVI)  
**Dimensions:** 3.9 x 3.3 x 1.0 in. (100 x 85 x 25mm)  
**Weight:** 6.1 oz. (approx. 172g)  
**Power Source:** 1 Lithium-Ion rechargeable battery  
**CE/FCC Approvals:** Yes

**CAMERA HANDLE:**

**Transmission Range:** Up to 10m (32.8 ft.) clear field  
**Transmission Frequency:** 2.4GHz  
**Resolution:** 320 x 240 Pixels (NTSC) 704 x 576 pixels (PAL)  
**Dimensions:** 8.5 x 6.5 x 1.9 in. (215 x 165 x 50mm)  
**Weight:** 15 oz. (425g)  
**Power Source:** 1 Lithium-Ion rechargeable battery (included)

**SYSTEM PROBES:** (See also back cover)

**All probes are:**

- Camera tipped with built-in adjustable LED lighting
- Flexible, strong and slim enough to perform automotive engine check-up
- Water, oil and dust proof to IP67 standards
- Flexible-obedient and will retain configured shape to suit various inspection needs

**DCS400**

**Supplied Probe:** 12mm (See System Descriptions)  
**Light Source:** 2 Adjustable High Intensity LEDs  
**Field of View:** 60°  
**Optional 12mm Dia. Probe Extensions:** 1m, 2m, 3m (3.28 ft., 6.6 ft., 9.9 ft.) for maximum 5m (16 ft.)  
**Optional Probes:**  
 1) The 12mm far-focus\*2 probe  
 2) The 9mm close-focus\*1 probes  
 3) The 5.5mm close-focus\*1 probes

**DCS400-05**

**Supplied Probe:** 5.5mm (See System Descriptions)  
**Light Source:** 4 adjustable high intensity LEDs  
**Field of View:** 95°  
**Tip Accessories:** Thread protector, ball guide and mirror

**Optional Probes:**

- 1) Other 5.5mm close-focus\*1 probes
- 2) The 9mm close-focus\*1 probes
- 3) The 12mm far-focus\*2 probe
- 4) The 12mm close-focus\*1 probe
- 5) The 12mm probe extensions

**DCS400-09**

**Supplied Probe:** 9mm (See System Descriptions)  
**Light Source:** 4 adjustable high intensity LEDs  
**Field of View:** 95°  
**Tip Accessories:** Thread protector, hook, magnet and mirror

**Optional Probes:**

- 1) Other 9mm close-focus\*1 probes
- 2) The 5.5mm close-focus\*1 probes
- 3) The 12mm far-focus\*2 probe
- 4) The 12mm close-focus\*1 probe
- 5) The 12mm probe extensions

