



Professional Video Inspection Systems



Precision, Specialty and Innovation



We call our video borescopes “High-Performance Systems” for several good reasons:

- They use our thinnest probes, with diameters as small as 3.9mm (0.15 in.). Even our thickest high-performance probe, at 6mm across, is no thicker than a No. 2 pencil lead.
- The probes have superior optical specs, including a depth of field of 0.5 to 5 in. (12.7 to 127mm).
- Probe choices abound. Just pick the probe type (flexible-obedient or soft metal), probe diameter (3.9mm, 4.9mm, 5.5mm or 6m), probe length (0.75 to 30m) and viewing angle (front view, articulating or switchable front/side view) you need; one of our probes is sure to fill the bill.
- The borescopes themselves also come in several flavors—for example, wired or wireless, recording or non-recording, and with or without data logging. Whichever model you choose, your high-performance borescope will have passed a 60,000-cycle performance test, sport a color monitor, and come in a custom protective hard case.



DCS1600ART
The DCS1600 System with the P16ART-1SM probe
See page 6

SPECIFICATIONS

| Model # | DCS1800 | DCS1800ART |
|--|---|--|
| Name | High-Performance Wireless Recording Video Borescope System | High-Performance Wireless, Articulating, Recording Video Borescope System |
| Standard Probe Diameter | 5.5mm | 6mm |
| Standard Probe Style | Flexible-Obedient, Front View | Articulating |
| Standard Probe Length | 3.28 ft. (1m) | 3.28 ft. (1m) |
| Display Size | 3.5 in. | 3.5 in. |
| Wireless Range | Up to 33 ft. (10m) | Up to 33 ft. (10m) |
| Recording | Audio, video, still images | Audio, video, still images |
| Resolution (pixels) | Video: 320 x 240 Still images: 640 x 480 | Video: 320 x 240 Still images: 640 x 480 |
| Anti-Glare, Anti-Reflection Lens | Yes | Yes |
| Rechargeable Battery | Yes | Yes |
| Date/Time Stamp | Yes | Yes |
| Field of View | 46° (Hor), 34° (Vert), 56° (Diag) | 46° (Hor), 34° (Vert), 56° (Diag) |
| Depth of Field | 0.4 to 2.4 in. (10 to 60mm) | 0.4 to 2.4 in. (10 to 60mm) |
| Zoom | 1.5X | 1.5X |
| Water and Dust Proof | Yes | Yes |
| Machine Oil, Gasoline and Diesel Fuel Proof | Yes | Yes |
| Light Source | 4 Adjustable White LEDs | 4 Adjustable White LEDs |
| Operating Temperature | System: 32° to 140°F (0° to 60°C) Probe: 32° to 131°F (0° to 55°C) | System: 32° to 140°F (0° to 60°C) Probe: 32° to 131°F (0° to 55°C) |
| Resistant to Vibration and Air Pressure Changes | Yes | Yes |
| Memory (capacity of included SD card) | 2 GB | 2 GB |
| Certifications | CE, FCC, RoHS | CE, FCC, RoHS |
| Warranty | 1 year | 1 year |



DC1800ART
The 1800 System with the P18ART-1SM probe
See page 6

Probe Options

| Model # | UPC | Diameter | Length | Description |
|---|---------|------------------|------------------|--|
| Articulating Probe Options for the DCS1800ART (and DCS1800) Systems | | | | |
| P18ART-1SM | 01419 6 | 6.0mm (0.23 in.) | 1m (3.28 ft.) | Soft Metal Articulating Probe |
| P18ART-2SM | 01477 6 | 6.0mm (0.23 in.) | 2m (6.6 ft.) | Soft Metal Articulating Probe |
| Articulating Probe Options for the DCS1600ART, DCS1600 and DCS1100 Systems | | | | |
| P16ART-1SM | 01418 9 | 6.0mm (0.23 in.) | 1m (3.28 ft.) | Soft Metal Articulating Probe |
| P16ART-2SM | 01476 9 | 6.0mm (0.23 in.) | 2m (6.6 ft.) | Soft Metal Articulating Probe |
| Flexible-Obedient Probe Options for All DCS1800, DCS1600 and DCS1100 Systems | | | | |
| P16181SR-M | 01408 0 | 5.5mm (0.22 in.) | 1m (3.28 ft.) | Flexible-Obedient Probe |
| P16182SR-M | 01409 7 | 5.5mm (0.22 in.) | 2m (6.6 ft.) | Flexible-Obedient Probe |
| P16183SR-M | 01410 3 | 5.5mm (0.22 in.) | 3m (9.8 ft.) | Flexible-Obedient Probe |
| Soft Metal Probe Options for All DCS1800, DCS1600 and DCS1100 Systems | | | | |
| P16181SM-M | 01411 0 | 5.5mm (0.22 in.) | 1m (3.28 ft.) | Soft Metal Probe |
| P16183SM-M | 01412 7 | 5.5mm (0.22 in.) | 3m (9.8 ft.) | Soft Metal Probe |
| P16185SM-M | 01414 4 | 5.5mm (0.22 in.) | 5m (16 ft.) | Soft Metal Probe |
| P161810SM-M | 01414 1 | 5.5mm (0.22 in.) | 10m (32 ft.) | Soft Metal Probe |
| P161830SM-M | 01415 8 | 5.5mm (0.22 in.) | 30m (98 ft.) | Soft Metal Probe |
| Specialty Probe Options for All DCS1800, DCS1600 and DCS1100 Systems | | | | |
| P1839-M | 01424 0 | 3.9mm (0.15 in.) | 0.75m (29.5 in.) | Ultra-Slim Flexible-Obedient Probe |
| P1618FS-49 | 01481 3 | 4.9mm (0.19 in.) | 1m (3.28 ft.) | Switchable Front/Side View Flexible-Obedient Probe |
| Accessories for the DCS1800 and DCS1600 Systems | | | | |
| DCS1618M | 01395 3 | — | — | Click 'N Measure Software and Measuring Tip |
| PM003 | 01370 0 | — | — | Set of 3 Mirrored Viewing Tips (70°, 90°, 110°) |
| RP1618 | 01520 9 | — | — | Reel Stand for Long Probes |

Probe Diameters (actual size)

●
3.9mm (0.15 in.)

●
4.9mm (0.19 in.)

●
5.5mm (0.22 in.)

●
6mm (0.24 in.)

SPECIFICATIONS

| | DCS1600 | DCS1600ART | DCS1100 |
|--|---|---|--|
| | High-Performance Recording Video Borescope System | High-Performance, Articulating, Recording Video Borescope System | High-Performance Video Borescope System with 4.9mm Switchable Front/Side View Probe |
| | 5.5mm | 6mm | 4.9mm |
| | Flexible-Obedient, Front View | Articulating | Flexible-Obedient, Switchable Front/Side View |
| | 3.28 ft. (1m) | 3.28 ft. (1m) | 3.28 ft. (1m) |
| | 3.5 in. | 3.5 in. | 2.4 in. |
| | — | — | — |
| | Video, Still images | Video, Still images | — |
| | Video: 320 x 240 Still images: 640 x 480 | Video: 320 x 240 Still images: 640 x 480 | Video: 320 x 240 Still images: 640 x 480 |
| | Yes | Yes | Yes |
| | Yes | Yes | No |
| | Yes | Yes | — |
| | 67° | 67° | 67° |
| | 0.4 to 2.4 in. (10 to 60mm) | 0.4 to 2.4 in. (10 to 60mm) | 0.4 to 2.4 in. (10 to 60mm) |
| | 1.5X | 1.5X | 1.5X |
| | Yes | Yes | Yes |
| | Yes | Yes | Yes |
| | 4 Adjustable White LEDs | 4 Adjustable White LEDs | 4 Adjustable White LEDs |
| | System: 32° to 140°F (0° to 60°C) Probe: 32° to 131°F (0° to 55°C) | System: 32° to 140°F (0° to 60°C) Probe: 32° to 131°F (0° to 55°C) | System: 32° to 140°F (0° to 60°C) Probe: 32° to 131°F (0° to 55°C) |
| | Yes | Yes | Yes |
| | 2 GB | 2 GB | - |
| | CE, RoHS | CE, FCC, RoHS | CE, RoHS |
| | 1 year | 1 year | 1 year |



DCS1100 High-Performance Video Borescope System with 4.9mm Switchable Front/Side View Probe See page 7



Data Logging Video Borescope System DCS1800

High-Performance, Wireless, Recording Video Borescope System

Features slim 5.5mm diameter probe, 3.5 in. color monitor and powerful ability to record video, still images and sound. Optional ultra-slim, multi-view and articulating probes available.

Applications:

- Government, Military, Security
- Infrastructure Inspection and Maintenance
- Aircraft Maintenance and Inspection
- Automotive Maintenance
- MRO / Industrial Inspection
- Inspection of Complex Machinery
- Oil, Power and Petro Industry Inspection Applications
- Inspection of Tooling Dies

Features:

- 3.5 in. (88.9mm) extra-wide, color TFT monitor with super sharp clarity
- Records audio, video and still images with instant playback review
- Wireless image and video transfer
- Comes with a 1m (3.28 ft.) long, 5.5mm (0.22 in.) diameter, flexible-obedient probe that retains its shape. Depth of field is 10 to 60mm (0.4 to 2.4 in.)
- Optional probes include: 3.9mm diameter x 1m long ultra-slim probe, 4.9mm x 1m long switchable front/side view probe and 6.0mm x 1m long articulating probe
- All probes feature adjustable super-strength white LED lights inside the tip for optimized illumination
- All probes are water, oil, dust and scratch resistant to IP67 standards
- 3 interchangeable mirrored viewing tips provide extra wide view angles of 70°, 90°, 110°
- Optional Click 'N Measure software for sophisticated target analysis
- Multiple language menu
- AV out allows for TV monitor and computer interfaces
- Rechargeable internal batteries

Benefits:

- Wireless imaging allows inspection results to be sent to a larger screen up to 150 ft. away for team-based analysis
- Wireless camera probe enables access to otherwise inaccessible places
- Ultra slim probes with powerful video camera and LED lights in the tip enable user to inspect the tiniest spaces
- Optional 3.9mm (0.15 in.) diameter camera tipped probe is the slimmest on the market and can fit into the spark plug hole of any engine, as well as into diesel injector ports
- View findings in real time or record video and still images for output later
- Rechargeable batteries can record for 4 hours and will help you stay "Green"
- Interchangeable accessories provide additional function
- More value for your investment



No. DCS1800



Includes:

Custom Hard Case, 5.5mm Diameter x 1m Long Flexible-Obedient Probe, 2GB SD Card, RCA Cable, 3 Interchangeable Mirrored Viewing Tips (70°, 90°, 110°), LCD Cleaning Cloth, AC Adapter/Charger, Rechargeable Battery, User's Manual, 1 Year Warranty

DCS1800, DCS1800ART, DCS1600, DCS1600ART Specifications:

DCS1800 and DCS1600 come with: 5.5mm (0.22 in.) Diameter x 1m (3.28 ft.) long camera probe

DCS1800ART and DCS1600ART come with: 6mm (0.24 in.) Diameter x 1m (3.28 ft.) long articulating camera probe

Depth of Field (DOF): 10 to 60mm (0.4 to 2.4 in.)

Probe Feature: Water, Oil & Dust resistant to IP67 standards

Field of View: Horizontal field angle 46°
Vertical field angle 34° Diagonal field angle 56°

Optional 5.5mm Probe Lengths: 1m, 2m, 3m, 5m, 10m, 30m

Additional Optional Probes:

- 3.9mm diameter x 0.75m (2.5 ft.) long ultra-slim probe
 - 4.9mm diameter x 1m long switchable front/side view probe
 - 6.0mm diameter x 1m long articulating probe
- Display:** 3.5 in. (88.9mm) Color TFT

Display Resolution: 320 x 240 pixels (video); 640 x 480 pixels (still images)

Audio: (DCS1800 Only) Integrated microphone

Wireless Transceiver Frequencies: (DCS1800 Only) 2414MHz, 2432MHz, 2450MHz, 2468MHz

System Power: Battery: Rechargeable Li-Polymer Battery (3.7V) Adapter/Charger Supply: 120VAC @ 60 Hz or 240VAC @50 Hz

Power Consumption: 1.8A @5.5VDC

Recording Medium: 2GB SD Card

Data Logging Video Borescope System DCS1600

High-Performance, Recording Video Borescope System

Features slim 5.5mm diameter probe, 3.5 in. color monitor and powerful recording capability. Optional ultra-slim, multi-view and articulating probes available.

Applications:

- Aircraft Maintenance and Inspection
- Military, Security, Law Enforcement
- Automotive / Diesel Maintenance
- Other High Level Inspection

Features:

- 3.5 in. (88.9mm) extra-wide, color TFT monitor with super sharp clarity
- Records video and still images with instant playback review
- Comes with a 1 m (3.28 ft.) long, 5.5mm (0.22 in.) diameter, flexible-obedient probe that retains required shape. Depth of field is 10 to 60mm (0.4 to 2.4 in.)
- Optional probes include: 3.9mm diameter x 1 m long ultra-slim probe, 4.9mm x 1 m long switchable front/side view probe and 6.0mm x 1 m long articulating probe
- All probes feature adjustable super-strength white LED lights inside the tip for optimized illumination
- All probes are water, oil, dust and scratch resistant to IP67 standards
- 3 interchangeable mirrored viewing tips provide extra wide view angles of 70°, 90°, 110°
- Optional Click 'N Measure software for sophisticated target analysis
- Multiple language menu
- TV monitor and USB computer interfaces
- Rechargeable internal battery

Benefits:

- Ultra-slim probes with powerful video camera and LED lights in the tip enable access to otherwise inaccessible places
- Optional 3.9mm (0.15 in.) diameter camera-tipped probe is the slimmest on the market and can fit into the spark plug hole of any engine, as well as into diesel injector ports
- View findings in real time or record video and still images for output later
- Rechargeable batteries can record for 4 hours and will help you stay "Green"
- Interchangeable accessories provide additional function
- More value for your investment



No. DCS1600

CE RoHS



Includes:

Custom Hard Case, 5.5mm Diameter x 1m Long Flexible-Obedient Probe, 2GB SD Card, RCA Cable, USB Cable, 3 Interchangeable Mirrored Viewing Tips (70°, 90°, 110°), LCD Cleaning Cloth, AC Adapter/Charger, Rechargeable Battery, User's Manual, 1 Year Warranty

DCS1800, DCS1800ART, DCS1600, DCS1600ART Specifications: (cont.):

Video Out Format: NTSC and PAL

Interface: AV Out on 1800 and 1600 systems. USB also on 1600.

Compression Format: Compliant with MPEG4

Image Resolution: 640 x 480 Pixels

Video Resolution: 320 x 240 Pixels

Frame Rate: ~30 fps

Exposure: Automatic

White Balance: Fixed

S/N Ratio: 42dB or more

Languages: English, German, French, Spanish

Operating Environment: -4° to 140°F (-20° to 60°C)

Storage Environment: -4° to 140°F (-20° to 60°C)

Recharge Environment: 32° to 104°F (0° to 40°C)

Interchangeable Options:

• **Click 'N Measure Software**
No. DCS1618M

• **Set of 3 Mirrored Viewing Tips**
No. PM003 (70°, 90°, 110°)

Data Logging Video Borescope Systems DCS1800ART/DCS1600ART

High-Performance Video Borescope Systems with Articulating Probes

CE FC RoHS



No. DCS1800ART
(The DCS1800 System with the P18ART-1SM Probe)



Applications:

- Ideal for aircraft maintenance, machinery and production line inspection, petro-chemical and power plant inspection, general MRO and facility management

Features:

- One-handed articulation function allows user to turn the probe tip to inspect targets located at sides or at an angle while it is inside a tight space
- Turning knob and lock button are ergonomically engineered
- Durable materials and construction: all components pass 60,000 cycle test

Specifications:

- Articulation Angle:** 2 way
- Articulation Sweep:** 0 to $\pm 120^\circ$
- Supplied Probe:** 6mm (0.23 in.) diameter x 1m (3.28 ft.) long, articulating soft metal probe



For use with all DCS1600 and DCS1800 High-Performance Systems



No. DCS1600ART
(The DCS1600 System with the P16ART-1SM probe)

CE RoHS

High-Performance Video Borescope System with 4.9mm Switchable Front/Side View Probe

Features:

- Includes 4.9mm diameter x 1m long high-performance P1618FS-49 probe
- Handle houses 2.4 in. (diagonal) LCD with 320 x 240 pixel video resolution
- Options include 5.5mm diameter soft metal and flexible-obedient probes of various lengths, 6mm diameter articulating probes, and 3.9mm flexible-obedient probe
- Powered by four "AA" batteries

Includes hard case, 6-ft. video cable, user's manual



No. DCS1100

4.9mm Diameter Switchable Front/Side View Flexible-Obedient Probe

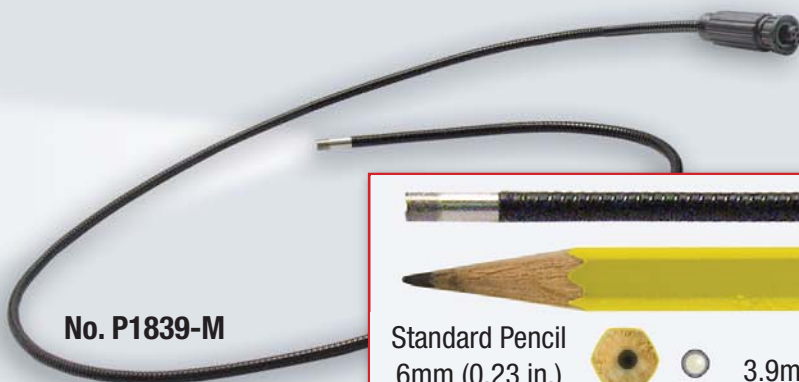
Features:

- Super-slim probe features 2 separate cameras, each with its own built-in light source
- Switchable dual views allow for straight-on and 90° viewing with full 360° rotational viewing
- Minimum Focal Distance of 1.5 in. (38mm) allows for extremely close-up viewing
- 4.9mm (0.193 in.) diameter x 1m (3.28 ft.) long probe is water, oil, dust and scratch resistant to IP67 standards
- The probe is flexible-obedient, meaning it retains the shape a user needs

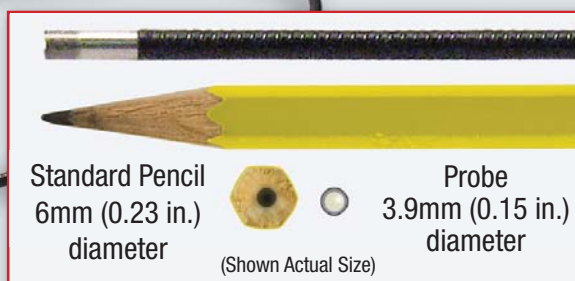


No. P1618FS-49

3.9mm Diameter Ultra-Slim Flexible-Obedient Probe



No. P1839-M



Standard Pencil
6mm (0.23 in.)
diameter

Probe
3.9mm (0.15 in.)
diameter

(Shown Actual Size)

Features:

- Ultra-slim probe is almost as thin as a pencil lead and can get into the smallest areas
- Minimum focal distance of 1.5 in. (38mm) allows for extremely close-up viewing
- 3.9mm (0.15 in.) diameter, 0.75m (2.5 ft.) long probe is water, oil, dust and scratch resistant to IP67 standards
- The probe is flexible-obedient, meaning it retains the shape a user needs

VIDEO INSPECTION SYSTEMS

Seeker Series Scopes



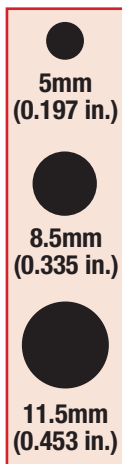
From our affordable DCS050 to our feature-packed Seeker 400 Series, this line of camera scopes is designed to appeal to everyone from experienced automotive mechanics and HVAC/R technicians to DIY weekend warriors.



SPECIFICATIONS

| Model # Name | DCS400 The Seeker 400 Wireless, Recording, Video Inspection System | DCS400-09 The Seeker 400-09 Wireless, Recording, Video Inspection System | DCS400-05 The Seeker 400-05 Wireless, Recording, Video Inspection System | DCS355 The Seeker 355 Video Inspection System |
|--|---|---|---|---|
| Standard Probe Diameter | 12mm | 9mm | 5.5mm | 5.5mm |
| Standard Probe Type | Flexible-Obedient | Flexible-Obedient | Flexible-Obedient | Flexible-Obedient |
| Standard Probe Length | 3.28 ft. (1m) | 3.28 ft. (1m) | 3.28 ft. (1m) | 3.28 ft. (1m) |
| Display | 3.5 in. color LCD | 3.5 in. color LCD | 3.5 in. color LCD | 3.5 in. color LCD |
| Wireless Range | Up to 33 ft. (10m) | Up to 33 ft. (10m) | Up to 33 ft. (10m) | — |
| VOIP Capability | Yes | Yes | Yes | — |
| Recording | Video and still images | Video and still images | Video and still images | — |
| Resolution (pixels) | Video: 320 x 240 Still images: 704 x 576 | Video: 320 x 240 Still images: 704 x 576 | Video: 320 x 240 Still images: 704 x 576 | Video: 320 x 240 Still images: 704 x 576 |
| Magnets and Stand for Added Convenience | Yes | Yes | Yes | — |
| Battery | Rechargeable | Rechargeable | Rechargeable | Alkaline battery |
| Date/Time Stamp | Yes | Yes | Yes | N/A |
| Field of View | 60° | 60° | 60° | 60° |
| Depth of Field | 1 to 5 in. (1/8 in. to 5 in. w/4X zoom) | 1 to 5 in. (1/8 in. to 5 in. w/4X zoom) | 1 to 6 in. (1/8 in. to 6 in. w/4X zoom) | 1 to 6 in. (1/8 in. to 6 in. w/4X zoom) |
| Zoom and Rotation | 4X Zoom, 180° rotation | 4X Zoom, 180° rotation | 4X Zoom, 180° rotation | 2X Zoom, 180° rotation |
| Water and Dust Proof | as per IP67 | as per IP67 | as per IP67 | as per IP67 |
| Light Source | Two adjustable LEDs | Two adjustable LEDs | Two adjustable LEDs | Two adjustable LEDs |
| Operating Temperature | 32° to 113°F (0° to 45°C) | 32° to 113°F (0° to 45°C) | 32° to 113°F (0° to 45°C) | 32° to 113°F (0° to 45°C) |
| Memory (capacity of included SD card) | 2 GB | 2 GB | 2 GB | — |
| Certifications | CE, FCC | CE, FCC | CE, FCC | CE |
| Warranty | 3 year limited | 3 year limited | 3 year limited | 3 year limited |

Probe Diameters (actual size)



Probe Options for The SEEKER™ Video Inspection Systems

| Model # | UPC | Diameter | Length | Description |
|---------|---------|------------------|---------------|--|
| RCV100 | 01446 2 | – | – | Wireless USB Video Receiver for The Seeker™ 100 & 400 Systems |
| P230-1 | 01386 1 | 12mm (0.47 in.) | 1m (3.28 ft.) | Flexible-Obedient Probe - Close Focus* ¹ |
| P230-1F | 01474 5 | 12mm (0.47 in.) | 1m (3.28 ft.) | Flexible-Obedient Probe - Far Focus* ² |
| P230-1X | 01387 8 | 12mm (0.47 in.) | 1m (3.28 ft.) | Flexible-Obedient Probe Extension |
| P230-2X | 01390 8 | 12mm (0.47 in.) | 2m (6.6 ft.) | Flexible-Obedient Probe Extension |
| P230-3X | 01391 5 | 12mm (0.47 in.) | 3m (9.8 ft.) | Flexible-Obedient Probe Extension |
| P495-1N | 01423 3 | 9mm (0.35 in.) | 1m (3.28 ft.) | Flexible-Obedient Probe - Close Focus* ¹ |
| P495-2N | 01467 7 | 9mm (0.35 in.) | 2m (6.6 ft.) | Flexible-Obedient Probe - Close Focus* ¹ |
| P495-3N | 01468 4 | 9mm (0.35 in.) | 3m (9.8 ft.) | Flexible-Obedient Probe - Close Focus* ¹ |
| P455-1N | 01466 0 | 5.5mm (0.22 in.) | 1m (3.28 ft.) | Flexible-Obedient Probe - Close Focus* ¹ |
| P455-2N | 01469 1 | 5.5mm (0.22 in.) | 2m (6.6 ft.) | Flexible-Obedient Probe - Close Focus* ¹ |
| P455-3N | 01470 7 | 5.5mm (0.22 in.) | 3m (9.8 ft.) | Flexible-Obedient Probe - Close Focus* ¹ |
| PE14 | 01510 1 | 14mm | 1m | Electrically insulated probe with CAT III 1000V rating (only when used w/DCS400) |
| ADP05V | 01497 4 | | | Car charger for DCS400 and DCS100 series |

*1—General's close focus probes have a defined depth of field of 0.5 to 5.0 in. (12.7 to 127mm)

*2—General's 12mm far focus probe has a minimum focal distance of 4 in. (101.6mm) and is in focus from there to infinity

SPECIFICATIONS

| | DCS300 | DCS200 | DCS100 | DCS050 | Model # |
|--|---|---|---|---|---|
| | The Seeker 300 Video Inspection System | The Seeker 200 Video Inspection System | The Seeker 100 Wireless USB Video Inspection System | The Seeker 050 USB Video Inspection System | Name |
| | 12mm | 12mm | 12mm | 12mm | Standard Probe Diameter |
| | Flexible-Obedient | Flexible-Obedient | Flexible-Obedient | Flexible-Obedient | Standard Probe Style |
| | 3.28 ft. (1m) | 3.28 ft. (1m) | 3.28 ft. (1m) | 3.28 ft. (1m) | Standard Probe Length |
| | 3.5 in. color LCD | 2.4 in. color LCD | User's computer | User's computer | Display |
| | – | – | Up to 33 ft. (10m) | – | Wireless Range |
| | – | – | Yes | – | VOIP Capability |
| | – | – | Video and still images | video and still images | Recording |
| | Video: 320 x 240 Still images: 704 x 576 | Video: 320 x 240 Still images: 704 x 576 | Video: 320 x 240 Still images: 704 x 576 | Video: 320 x 240 Still images: 704 x 576 | Resolution (pixels) |
| | – | – | – | – | Magnets and Stand for Added Convenience |
| | Alkaline battery | Alkaline battery | Rechargeable | No battery needed | Battery |
| | N/A | N/A | Yes | Yes | Date/Time Stamp |
| | 60° | 60° | 60° | 60° | Field of View |
| | 4 in. to 8 ft. | 4 in. to 8 ft. | 4 in. to 8 ft. | 4 in. to infinity | Depth of Field |
| | 2X Zoom, 180° rotation as per IP67 | 2X Zoom, 180° rotation as per IP67 | Via user's computer as per IP67 | Via user's computer as per IP67 | Zoom and Rotation |
| | Two adjustable LEDs | Two adjustable LEDs | Two adjustable LEDs | Two adjustable LEDs | Water and Dust Proof |
| | 32° to 113°F (0° to 45°C) | 32° to 113°F (0° to 45°C) | 32° to 113°F (0° to 45°C) | 32° to 113°F (0° to 45°C) | Light Source |
| | – | – | – | – | Operating Temperature |
| | CE | CE | CE, FCC | CE | Memory (capacity of included SD card) |
| | 3 year limited | 3 year limited | 3 year limited | 3 year limited | Certifications |
| | | | | | Warranty |

Seeker 400



Video Over Internet Capability

THE SEEKER 400 SERIES

Wireless Recording Video Inspection Systems

Ability to capture video and still images enables visual inspection of otherwise inaccessible areas



No. DCS400



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, USB and Video Interconnect Cables, Built-in Magnets, 2 Lithium-Ion Rechargeable Batteries with AC Adapter/Charger, User's Manual, 3 Year Limited Warranty

Applications:

- Ideal for inspection of hard-to-reach or hard-to-see areas or equipment. Many potential applications in the automotive repair, plumbing, construction, restoration and HVAC/R industries

System Descriptions:

There are three 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
- 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
- 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

Features:

- Wireless interface with optional RCV100 module enables streaming of live inspection 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 (33 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 inspection video in real time, record video and capture/save still photos as JPEGs with instant playback review. 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 color LCD
Dimensions: 3.9 x 3.3 x 1.0 in. (100 x 85 x 25mm)
Weight: 6.1 oz. (172g)
Power Source: 1 Lithium-Ion rechargeable battery
CE/FCC Approvals: Yes

CAMERA HANDLE:
Transmission Range: Up to 10m (32.8 ft.)
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:
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 extension of 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, pick-up hook, magnetic pick-up, 45° mirror

Optional Probes:

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



*1 and *2: See SEEKER Probe Options chart on p. 9

THE SEEKER™ 300
SERIES

Video Inspection Systems

Compact video camerascopes for the visual inspection of inaccessible areas

Applications:

- Ideal for inspection of hard-to-reach or hard-to-see areas or equipment. Many potential applications in the automotive repair, plumbing, construction, restoration and HVAC/R industries

System Descriptions:

There are two SEEKER 300 Series systems available:

- 1) **The DCS300 System** with a 12mm (0.47 in.) diameter x 1m (3.28 ft.) long flexible-obedient far-focus*2 camera-tipped probe
- 2) **The DCS355 System** with a 5.5mm (0.22 in.) diameter x 1m (3.28 ft.) long flexible-obedient close-focus*1 camera-tipped probe

Features:

- View inspection video instantly on the 3.5 in. (88.9mm) color LCD screen
- Camera-tipped probes have built-in adjustable LED lighting
- Probes are flexible, strong and slim enough to perform automotive engine check-up
- Interchangeable probes are water, oil and dust proof to IP67 standards
- Probes are flexible-obedient and will retain configured shape to suit various inspection needs

Specifications:

BASE SYSTEM WITH MONITOR:

Display: 3.5 in. (88.9mm) Color LCD
Resolution: 320 x 240 pixels
Operating Temperature: 32° to 113°F (0° to 45°C)
Power Source: 1 "9V" battery (included)
Weight: 16 oz. (454g)

SYSTEM PROBES:

- 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

*1 and *2: See SEEKER Probe Options chart on p. 9



CE
No. DCS300



Includes:

- Custom Hard Case, Pistol Grip Camera Handle with 1m Long, Flexible-Obedient Probe, 3 Accessory Tools, 1 "9V" Battery, Mini Screwdriver, User's Manual, 3 Year Limited Warranty

Specifications: (continued)

DCS300
Supplied Probe: 12mm (See System Descriptions)
Light Source: 2 adjustable high-intensity LEDs
Field of View: 60°
Tip Accessories: 45° Mirror, Magnetic Pick-Up, Pick-Up Hook
Optional 12mm Dia. Probe Extensions: 1m, 2m, 3m (3.28 ft., 6.6 ft., 9.9 ft.) for maximum extension of 5m (16 ft.)
Optional Probes:
 1) The 12mm close-focus*1 probe
 2) The 5.5mm close-focus*1 probes
 3) The 9mm close-focus*1 probes

DCS355
Supplied Probe: 5.5mm (See System Descriptions)
Light Source: 4 Adjustable High Intensity LEDs
Field of View: 60°
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 close-focus*1 probe
 4) The 12mm far-focus*2 probe
 5) The 12mm probe extensions



Seeker 200



THE SEEKER™ 200 Video Inspection System

Compact video camerascope for the visual inspection of inaccessible areas

Applications:

- Ideal for inspection of hard-to-reach or hard-to-see areas or equipment. Many potential applications in the automotive repair, plumbing, construction, restoration and HVAC/R industries

Features:

- View inspection video instantly on the 2.4 in. (60.9mm) color LCD
- System includes a 12mm (0.47 in.) diameter x 1m (3.28 ft.) long, flexible-obedient, far-focus camera-tipped probe with a minimum focal distance of 4 in. (101.6mm). The probe is in focus from there to infinity
- Probe is flexible, strong and slim enough to perform automotive engine check-up
- Flexible-obedient probes retain configured shape to suit different inspection needs
- Probes are water, oil and dust proof to IP67 standards
- Includes three accessories: a pick-up hook, a magnetic pick-up and a 45° mirror
- Optional 12mm probe extensions of 1m, 2m, and 3m (3.28 ft., 6.6 ft., 9.9 ft.) are available for maximum extension of up to 5m (16 ft.)
- Optional 5.5mm, 9mm and 12mm probes are available

System Descriptions:

There are three SEEKER 200 Series systems available:

- 1) **The DCS200 System** with a 12mm (0.47 in.) diameter x 1m (3.28 ft.) long flexible-obedient close-focus*1 camera-tipped probe
- 2) **The DCS200-05 System** with a 5.5mm (0.22 in.) diameter x 1m (3.28 ft.) long flexible-obedient close-focus*1 camera-tipped probe
- 3) **The DCS200-09 System** with a 9mm (0.35 in.) diameter x 1m (3.28 ft.) long flexible-obedient close-focus*1 camera-tipped probe

System Probes:

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

Specifications:

DCS200 CAMERA

- Display:** 2.4 in. (60.9mm) Color LCD
- Resolution:** 320 x 240 pixels
- Operating Temperature:** 32° to 113°F (0° to 45°C)
- Power Source:** 1 "9V" battery (included)
- Weight:** 15.6 oz. (442g)

DCS200

- 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 extension of 5m (16 ft.)

DCS200-05

- 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

DCS200-09

- Supplied Probe:** 9mm (See System Descriptions)
- Light Source:** 4 adjustable high-intensity LEDs
- Field of View:** 95°
- Tip Accessories:** Thread protector, pick-up hook, magnetic pick-up, 45° mirror

Optional Probes:

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

*1 and *2: See SEEKER Probe Options chart on p. 9



No. DCS200



Includes:

- Custom Hard Case, Pistol Grip Camera Handle with 1m Long, Flexible-Obedient Probe, 3 Accessory Tools, 1 "9V" Battery, Mini-Screwdriver, User's Manual, 3 Year Limited Warranty



Video Over Internet Capability

THE SEEKER™ 100

Wireless USB Video Inspection System

Wirelessly transmits video and images to your computer up to 33 feet away; included software enables streaming video for remote viewing over the Internet

No. DCS100



Features:

- Built-in radio transmitter wirelessly transmits live video signal to the RCV100 USB video receiver up to 10m away, enabling the video to be viewed on a Windows PC and streamed live over the Internet
- Works with Windows® 7, Windows® Vista and Windows® XP†
- 12mm (0.47 in.) diameter, 1m (3.28 ft.) long, flexible-obedient, far focus*2 camera-tipped probe is water, oil and dust proof to IP67 standards
- Optional probe extensions of 1m, 2m, and 3m (3.28 ft., 6.56 ft., 9.84 ft.) are available for the 12mm probe
- In addition to the standard 12mm (0.47 in.) diameter far-focus*2 probe, the DCS100 handle can also accept optional 9.0mm (0.35 in.) and 5.5mm (0.22 in.) diameter close-focus*1 camera-tipped probes
- Adjustable light intensity from built-in LEDs
- Flexible-obedient probes retain configured shape

Benefits:

- Elegant ergonomic design
- Clear image quality both up close and far
- Transmitter handle will accept optional 9.0mm and 5.5mm camera probes for demanding applications
- RCV100 is Skype-enabled and can be configured with Skype to send live streaming video over the Internet anywhere in the world
- 12mm probe extensions are available to increase maximum probe length to 5m (16 ft.)



Includes:
Custom Hard Case, Transmitter Handle with 12mm Diameter x 1m Long, Flexible-Obedient Probe, 3 Accessory Tools: (45° Mirror, Magnetic Pick-Up, Pick-Up Hook), RCV100 Wireless USB Video Receiver, USB Extension and Video Cables, Software on Mini-CD, User's Manual, 3 Year Limited Warranty

Specifications:

Supplied Probe: 12mm (0.47 in.) Diameter x 1m (3.28 ft.) long far-focus*2 camera-tipped probe
Field of View: 60°
Light Source: Two adjustable high-intensity LEDs
Optional 12mm Probe Extensions: 1m, 2m, 3m (3.28 ft., 6.6 ft., 9.9 ft.)
Operating Temperature: 32° to 113°F (0° to 45°C)
Power Source: 1 Lithium-ion rechargeable battery (included)
Optional Probes:
 1) The 12mm close-focus*1 probe
 2) The 5.5mm close-focus*1 probes
 3) The 9mm close-focus*1 probes

Wireless USB Video Receiver

Unique device wirelessly interfaces a Seeker100 or Seeker400 Video Inspection System to any Windows computer via its USB2.0 port from up to 33 ft. away. Once the connection is made, real-time inspection video and still images captured by the Seeker can be viewed and stored on the PC. Skype™-enabled ScopeView media management software included with the RCV100 allows inspection video to be streamed over the Internet to support videoconferencing and remote diagnostics.

Features:

- Skype-enabled streaming video receiver sends live video over the Internet
- Includes easy-to-use, powerful software
- USB 2.0 interface
- Works with DCS100 and DCS400 series to enable remote video presentations and live video troubleshooting and training
- 4 channel selection, enabling the user to select uncluttered radio bands

Specifications:

Wireless Frequencies: 2414MHz, 2432MHz, 2450MHz, 2468MHz
Wireless Range: Up to 10m (33 ft.)
Operating Temperature: 32° to 103°F (0° to 45°C)
Operating Humidity: 5% to 95% RH non-condensing
Storage Temperature: -4° to 140°F (-20° to 50°C), ≤85% RH
Dimensions: 3.26 x 1.65 x 0.74 in. (83 x 42 x 19mm)
Weight: 1.23 oz. (35g)



No. RCV100

Includes:
Receiver, USB Extension Cable, Video Cable, Software on Mini-CD, User's Manual, 3 Year Limited Warranty

*1 and *2: See SEEKER Probe Options chart on p. 9
 †Windows® 7, Windows® Vista and Windows® XP are registered trademarks of Microsoft Corporation



THE SEEKER™ 050

USB Video Inspection System

Features a fixed 12mm diameter, 1m long, waterproof camera probe with a USB connection to view images and video on your computer.

Features:

- USB computer interface
- Works with Windows® 7, Windows® Vista and Windows® XP†
- Very affordable
- High-resolution video and still images
- Adjustable light intensity from two built-in LEDs
- 1m (3.28 ft.) flexible-obedient probe retains configured shape to suit various applications
- Probe is water, oil and dust proof to IP67 standards

Specifications:

Camera Resolutions: 320 x 240 pixels (video); 640 x 480 (still images)

Fixed Probe: 12mm (0.47 in.) Diameter x 1m (3.28 ft.) long far-focus camera-tipped probe with a depth of field from 5 in. to infinity

Field of View: 60°

Light Source: Two adjustable high-intensity LEDs

Operating Temperature: 32° to 113°F (0° to 45°C)

Operating Humidity: RH 5% to 95% non-condensing

Power Source: Computer's USB port

Storage Temperature: -4° to 122°F (-20° to 50°C), ≤85% RH

Dimensions: 10.5 x 2.9 x 3.1 in. (266 x 73 x 80mm)

Weight: 4.8 oz. (135g) w/o probe



No. DCS050



Includes:

- Scope Handle with Fixed 12mm (0.47 in.) Diameter, 1m Long Flexible-Obedient Probe, User's Manual, 3 Year Warranty.

†Windows® 7, Windows® Vista and Windows® XP are registered trademarks of Microsoft Corporation



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