

# Video Borescope System with SD Card

HHB1600

**Product Discontinued**

Available with  
Probes Up to  
30 m (98.4')

1 m (3.3') probe  
(included)

- ✓ 5.5 mm (0.22") External Diameter Tip Easily Fits Through the Spark Plug Hole of Any Engine
- ✓ SD Card, Real Time Data Logging
- ✓ 4 Super-Strength White Light LED's
- ✓ Water, Oil and Scratch Resistant
- ✓ Optimized Illumination
- ✓ Rapid Assembly of Lens Module
- ✓ Illumination Intensity Easily Adjusts to Environment
- ✓ 89 mm (3.5") Extra-Wide TFT Monitor
- ✓ Hard Protective Case
- ✓ Articulating Probe (Optional)

## Applications

- ✓ Air Conditioning
- ✓ Heat Exchangers
- ✓ Automotive
- ✓ Plumbing & Furnaces
- ✓ Pest & Mold Identification
- ✓ Surveillance
- ✓ Military & Aircraft
- ✓ All General Inspection

The HHB1600 borescope is a portable, hand-held, complete borescope system with monitor, camera and video. Compact, palm sized unit includes LED light source, TFT (thin film transistor) display. Camera, display that takes still photos and dynamic video in real time. Internal SD memory allows whole videos to be saved and outputted later. TV monitor and computer USB output and data logging function. Unit has multiple

viewing tips and extra wide view angle capability. Multiple video formats compatible with most software including Windows® Media Player. Rechargeable batteries can record for 4 hours continuously.

## Specifications

**Working Temperature:**  
-20 to 60°C (-4 to 140°F)

**Probe Working Temperature:**  
0 to 55°C (32 to 131°F)

**Total Storage Temperature:**  
-20 to 60°C (-4 to 140°F)

**While Battery in Charge Temp:**  
0 to 40°C (32 to 104°F)

**Dimensions:** 215 L x 120 W x 36 mm H  
(8.5 x 4.7 x 1.4")

**Probe:** 1 m (3.3') (included)

**Weight:** 380 g (13.4 oz)

**Resolution (Dynamic/Static):**  
320 H x 240V/640 H x 480V @ 30 M

**Tip Insertion Tube Diameter:**  
5.5 mm (0.22")

**Frame Rate:** 30 fps

**S/N Ratio:** 42 db

**Exposure:** Automatic

**White Balance:** Fixed

**Sensor Field of View:**

**Horizontal Field Angle:** 46°

**Vertical Field Angle:** 34°

**Diagonal Field Angle:** 56°

**Depth of Field (DOF):** 1 to 6 cm  
(0.4 to 2.4")

**Light Source:** 4 white LED

HHB1600.



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.



### System Specification

**Power:** 5 Vdc

**Display:** 89 mm (3.5") TFT LCD monitor  
320 x 240 pixels

**Interface:** Mini USB 1.1/AV out/AV in

**Battery:** Rechargeable li-polymer (3.7V) (included)

**Video Out Format:** NTSC and PAL

**Recording Medium:** 2G SD card (included)

**Compression Format:** MPEG4

**Still Image Storage Format:** JPEG  
(640 x 480)

**Video Recording Format:**  
ASF (320 x 240)

**Language:** English, Japanese, German, Spanish, French, Italian, traditional and simplified Chinese

**To Order Visit [omega.com/hhb1600](http://omega.com/hhb1600) for Pricing and Details**

Model No.	Description
HHB1600	Borescope

### Accessories

Model No.	Description
P1618-1SR	Replacement probe 1 m (3.3') obedient metal
P1618-2SR	Probe 2 m (6.6') obedient metal
P16183SR-M	Probe 3 m (9.8') obedient metal
P1618-1SM	Probe 1 m (3.3') soft metal
P1618-3SM	Probe 3 m (9.8') soft metal
P1618-5SM	Probe 5 m (16.4') soft metal
P1618-10SM	Probe 10 m (32.8') soft metal
P1618-30SM	Probe 30 m (98.4') soft metal
P16ART-1SM	2-way articulating probe, 1 m (3.3') soft metal
P16PIP	Pipe and duct reel set

Comes complete with USB cable, video cable, power supply, 2G SD card, 1 m (3.3') probe, 3.7V rechargeable battery, 3 mirror attachments, cleaning kit, hard carrying case and operator's manual.

**Ordering Examples:** HHB1600, borescope. OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years.