

Wireless Borescope with SD Card



HHB1800

Product Discontinued

- ✓ Completely Portable
- ✓ Records Still or MPEG 4 Video
- ✓ SD Card, Real Time Data Logging
- ✓ Strong Metal Lens Sleeve
- ✓ Direct or Wireless Operation Modes
- ✓ Articulating Probe (Optional)

The HHB1800 features a wireless probe which one can operate the instrument anywhere without the cable. An image can be sent to a larger screen up to 50 m (160') away. The HHB1800 has three different application modes (on console, on large screen, and projected) allow wide application and there is no need for an external light, power or screen. With the palm-sized console you can inspect many applications. The wireless HHB1800 includes hands-free, one-handed and two-handed modes. You can choose the appropriate mode to meet your needs in different working applications. You can hold the wireless probe handle (console) at a perfect height even when checking the undercarriage of an air conditioner. In some special working environments you may need a free hand to remove an obstacle during inspection. Simply place the separable console on a stable platform and manipulate the probe with a single hand. The console (probe handle) and probe can also be set up for hands-free operation.

Specifications

Camera System and Insert Tube

Diameter of Insert Tube:
5.5 mm (0.2")

Resolution: 325 (H), 250 (V)

Housing: Steel

Light Source: White LED

Length: 1 m (39.4")

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")

Water Resistance: Insert tube

Working Temperature:

0 to 55°C (32 to 131°F)

Console (Wireless Probe Handle)

Dimensions:

139 H x 35 W x 32 mm D

(5.5 x 1.4 x 1.3")

Weight: 220 g (7.8 oz)

Wireless Transceiver Frequency:

2.4 GHz • 4 channels (2414 MHz,
2432 MHz, 2450 MHz, 2468 MHz)

Available with
Probes Up
to 30 m (98.4')

HHB1800
shown
smaller than
actual size.



Battery: Rechargeable

Li-Polymer battery 3.7V (included)

Brightness Control: Variable

Audio: Integrated microphone

System

Dimensions:

146.9 H x 105.4 W x 71 mm D
(5.8 x 4.1 x 2.8")

Weight: 0.335 kg (11.8 oz)

Power: Rechargeable Li-Polymer battery
3.7V (included)

Power Supply: 100 to 240 Vac,
50 to 60 Hz

Power Consumption: DC5.5 I.8A



P16PIP sold separately.



P16PIP includes pipe and duct inspection probe and reel set (includes ring and brushes for centering probe in two, 2 and 6" ID pipes).

Display: 3.5 TFT LCD QVGA
Recording Medium: 1 GB SD CARD (up to 2G)
Video Out Format: NTSC and PAL
Interface: AV Out
Wireless Receiver Frequency: 2.4 GHz • 4 channels (2414 MHz, 2432 MHz, 2450 MHz, 2468 MHz)
Compression Format: Compliant with MPEG 4
Still Image Storage Format: JPEG (640 x 480)
Frame Rate: ~30 fps
Exposure: Automatic
White Balance: Fixed
S/N Ratio: 42 dB or more
Language: English, German, French, and Portuguese
Operating Environment: -20 to 60°C (-4 to 140°F)
Storage Environment: -20 to 60°C (-4 to 140°F)
Recharge Environment: 0 to 40°C (32 to 104°F)



Wireless probe (console with sensor).



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

To Order Visit omega.com/hhb1800 for Pricing and Details

Model No.	Description
HHB1800	Wireless borescope

Accessories

Model No.	Description
P1618-1SR	Replacement probe 1 m (3.3') obedient metal
P1618-2SR	Probe 2 m (6.6') obedient metal
P1618-3SR	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
P18ART-1SM	2-way articulating probe, 1 m (3.3') soft metal
P16PIP	Pipe and duct reel set

Comes complete with heavy-duty carrying case, screwdriver, 1 GB SD card, 3.7V battery, 1 m (3.3') probe, AC power adaptor, cleaning kit, video cables, and operator's manual.

Ordering Examples: HHB1800, wireless borescope. OCW-3, OMEGACARESM extends standard 1-year warranty to a total of 4 years.