

# AIRScouter

## WD-200B

### A uniquely adjustable high-definition head-mounted display with HDMI input

The AIRScouter WD-200B puts a high definition display where it's most convenient: right in front of your eye!

#### A few features that the WD-200B offers the wearer:

- ▶ A bright and crisp **720p HD display** offers a virtual screen size comparable to that of a 13" monitor
- ▶ **Adjustable focus** lets you fine-tune the display's image and helps minimize eyestrain as you work
- ▶ A full-sized **HDMI port** connects seamlessly to your gear without proprietary apps or hardware
- ▶ An internal battery that lasts **up to 4 hours**
- ▶ A **flexible arm** allows you to easily position and angle the display just where you want it, over either eye (even if you're wearing glasses)
- ▶ An optional **translucent mirror** lets you display video data over the landscape in front of you



See what your drone sees in first-person view while you still comply with FAA Part 107 regulations on visual line-of-sight



# Components of the **AIRScouter**

WD-300C



## Full-sized Control Box

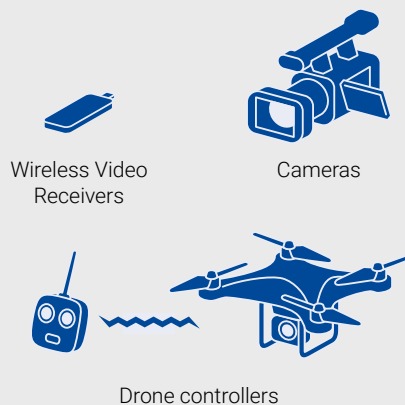
HDMI and micro-USB ports, intuitive controls, internal Li-ion battery



## Direct-view Head Display Unit

HD LCD, adjustable focus, articulated arm, opaque and translucent mirror options

Connect seamlessly to gear you already use, including:



Wireless Video Receivers

Cameras

Drone controllers

## Product Specifications

| Model Name            |                                   | AIRScouter WD-200B Head-Mounted Display  |
|-----------------------|-----------------------------------|--|
| Form factor           |                                   | Monocular (single eye)   |
| Physical Dimensions   | Head display unit size            | 10.5" x 7.2" x 1.1" (266 mm x 183 mm x 29 mm)  |
|                       | Control box size                  | 4.5" x 3.3" x 1.1" (115 mm x 84 mm x 29 mm)  |
|                       | Cable length                      | 78" (2 m)  |
|                       | Head display unit weight          | Approx. 5.1 oz (145 g) including cable   |
|                       | Control box weight                | Approx. 6.7 oz (190 g)   |
| Video Input           | Interface Type                    | HDMI with HDCP support   |
|                       | Supported resolution <sup>1</sup> | 720p (60Hz, 59.94Hz)   |
| Display Properties    | Resolution                        | 720p (1280 x 720 pixels)   |
|                       | Color reproduction                | 24-bit (16.7 million colors)   |
|                       | Adjustable focal length           | Approx. 12" - 200" (30 cm - 5 m)   |
|                       | Field of view                     | Approx. 17.8°  |
|                       | Virtual screen size               | Approx. 13" (at 1 m projected distance)  |
| Operating environment | Operating Temperature             | 32°F - 104°F (0°C - 40°C)  |
|                       | Charging Temperature              | 50°F - 95°F (10°C - 35°C)  |
|                       | Humidity                          | 20% - 80%  |
| Translucency options  |                                   | Fully opaque mirror is included, half-mirror (50% opacity) is available separately   |
| Functions             |                                   | Adjustable brightness (5 levels) / Screen rotation / Key lock / Enlarge mode <sup>2</sup> / Horizontal flip  |
| Wearing style         |                                   | Headband style with flexible arm   |
| Power options         |                                   | AC adapter <sup>3</sup> / USB micro-B port <sup>4</sup> / internal rechargeable battery  |
| Internal battery life |                                   | Approx. 4 hours  |
| Power consumption     |                                   | Approx. 2.5W   |
| External power input  |                                   | DC 5V 1A+  |
| Included in package   |                                   | Display unit, headband, control box, flexible arm for right eye, flexible arm for left eye, full mirror, lithium ion rechargeable battery, AC adapter, rear band, clip, user's guide |

<sup>1</sup> Full HD (1920 x 1080 px) input is not currently supported. Be sure that your video source can output at 720p.

<sup>2</sup> This function enlarges the center region of the screen by a fixed magnification.

<sup>3</sup> This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

<sup>4</sup> A third-party USB battery may be used to power the AIRScouter; however, the internal battery cannot be charged over USB.



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For more information, visit us online:

<http://www.brother-usa.com/AIRScouter>



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