

AIRScouter

WD-300C

A uniquely adjustable lightweight HD head-mounted display for users on the move

The AIRScouter WD-300C puts a high definition display where it's most convenient: right in front of your eye!

A few features that the WD-300C offers the wearer:

- ▶ A bright and crisp **720p HD display** offers a virtual screen size comparable to that of a 19" 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
- ▶ A micro-USB port lets you power it with nearly any **standard USB battery**
- ▶ 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 **IP54-rated** display enclosure lets you work with peace of mind, even in rainy or dusty conditions



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



Miniature Control Box

HDMI and micro-USB ports, intuitive controls



Direct-view Head Display Unit

HD LCD, adjustable focus, articulated arm, IP54-rated

Connect seamlessly to gear you already use, including:



Wireless Video Receivers

Cameras

Drone controllers

Product Specifications

Model Name	AiRScouter WD-300C Head-Mounted Display	
Form factor	Monocular (single eye)	
Physical Dimensions	Head display unit size	10.4" x 7.2" x 1.0" (264 mm x 183 mm x 26 mm)
	Control box size	0.5" x 2.2" x 1.4" (13 mm x 56 mm x 36 mm)
	Cable length	59" (1.5 m)
	Weight	Approx. 6.0 oz (170 g)
Video Input	Interface Type	HDMI with HDCP support
	Supported resolution ¹	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" - infinity (30 cm - infinity)
	Field of view	Approx. 25.6°
	Virtual screen size	Approx. 19" (at 1 m projected distance)
Operating environment	Temperature	32°F - 104°F (0°C - 40°C)
	Humidity	20% - 80%
Dust and water resistance (display unit)	IP54 ²	
Functions	Adjustable brightness (5 levels) / Screen rotation ³ / Key lock / Reduce mode ⁴ / Auto-off ⁵	
Wearing style	Headband style with flexible arm	
Power options	USB micro-B port	
Internal battery life	n/a	
Power consumption	Approx. 1.5W	
External power input	DC 5V 0.5A	
Included in package	Display unit, headband, control box, flexible arm for right eye, flexible arm for left eye, rear band, clip, quick starter guide	

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

² This rating is for the head display unit only. Please take appropriate precautions when using the control box in inclement conditions.

³ The screen is will be automatically rotated to match the orientation of the display unit.

⁴ This function reduces the display by a fixed magnification to ensure that the whole image is visible.

⁵ The control box will automatically power off if there is no video input for 10 minutes.

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The design and specifications of this product are subject to change with notice. Appearance of the product may differ from that shown.



For more information, visit us online:

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



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at your side

BROTHER INTERNATIONAL CORPORATION (U.S.A.)
200 Crossing Blvd, Bridgewater, NJ 08807
<http://www.brother-usa.com>