AiRScouter

A uniquely adjustable HD head-mounted display

Fly your UAV in first-person view (FPV) while you comply with FAA Part 107 regulations on visual line-of-sight (VLOS)

Keep an eye on real-time telemetry during even the fastest-paced shots. **Aerial cinematographers** can frame their shots without losing track of where the UAV is or what's around it.

Make sure you've got the right data and video without taking your eyes off your UAV. Make **inspection** missions faster and safer by keeping your eyes in the sky instead of on a monitor.

Better situational awareness promotes safer operation, especially during critical **public safety** missions. Know where your UAV is and communicate telemetry to your team more easily.

Each AiRScouter head-mounted display features:

- A bright and crisp 720p HD display with adjustable focus
- An articulated arm design that lets you easily position the display over either eye
- An IP54-rated headset to help you work with peace of mind in dirty or wet condtions [1]

Each model includes a control box with a standard HDMI or HD-SDI port to connect seamlessly to your gear without proprietary apps or hardware. Supported video input resolutions and other features (including internal batteries) may differ by model.

See the reverse side for a comparison of AiRScouter models and where to find more information

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Put a high-definition display where it's most convenient: right in front of your eye!

Connect seamlessly to gear you already use, including:

Cameras

Wireless video receivers

Drone controllers

The control box for each model is pictured to the right. All models share a common head display unit pictured on the front of this document.

Product Features		WD-300C	WD-320C	WD-330C
Headset and display unit	Headset form factor	Monocular (single-eye) display on flexible arm		
	Dust and water resistance [1]	IP54 (head display unit only)		
	Display screen resolution	720p (60Hz)		
	Focal length range	12" - infinity (30cm - infinity)		
	Virtual screen size	Approximately 19" at 3' projected distance		
Control box	Control box form factor	Miniature	Full-size	Full-size
	HDMI input	●	●	
	HD-SDI input			●
Supported video input resolutions	720p (60Hz, 59.94Hz)	●	●	●
	720p (50Hz)		●	●
	720p (30Hz, 29.97Hz)		●	
	720p (25Hz)		●	
	720p (24Hz, 23.98Hz)		●	
	1080i (60Hz, 59.94Hz)		●	●
	1080i (50Hz)		●	●
	1080p (60Hz, 59.94Hz)		●	
	1080p (50Hz)		●	
	1080p (30Hz, 29.97Hz)		●	●
	1080p (25Hz)		●	
	1080p (24Hz, 23.98Hz)		●	●
Power	Internal battery life	n/a	Approx 3 hours	Approx 3 hours
	AC adaptor included		●	●
	micro-USB Type B port [2]	●	●	●
	Power consumption	1.5W	3.0W	3.0W
	External input required	DC 5V 500mA	DC 5V 1.0A	DC 5V 1.0A
Features	Adjustable brightness	●	●	●
	Enlarge zoom mode [3]		●	●
	Reduce zoom mode [3]	●	●	●
	Monochrome mode		●	●
Accessories	Eyecup		●	●
	Belt case		●	●
	Storage / carry case		●	●

[1] The ingress protection rating is for the head display unit only. Please take appropriate precautions when using the control box in inclement conditions.
[2] A USB power source may be used to power the control box, but it will not charge the internal battery (on models that include a battery.)
[3] Zoom settings are preset, and the percentages cannot be changed by the user.

TAA COMPLIANT

MADE IN JAPAN

For full details and technical specifications, visit us online:
http://www.brother-usa.com/business/hmd

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brother at your side

BROTHER INTERNATIONAL CORPORATION (U.S.A.)
200 Crossing Blvd, Bridgewater, NJ 08807

E-mail: **airscouter@brother.com**