

Specification Chart

Model Name		WD-350B	WD-360B	WD-370B
Form factor		Monocular (single eye)	Monocular (single eye)	Monocular (single eye)
Dimensions	Head display unit	264 mm x 183 mm x 26 mm / 10.4 in x 7.2 in x 1.0 in	264 mm x 183 mm x 26 mm / 10.4 in x 7.2 in x 1.0 in	264 mm x 183 mm x 26 mm / 10.4 in x 7.2 in x 1.0 in
	Control box size	13 mm x 56 mm x 36 mm / 0.5 in x 2.2 in x 1.4 in	115 mm x 84 mm x 29 mm / 4.5 in x 3.3 in x 1.1 in	125 mm x 84 mm x 29 mm / 4.9 in x 3.3 in x 1.1 in
	Cable length	1.5 m / 4.9 ft	2 m / 6.6 ft	2 m / 6.6 ft
Weight	Head display unit	Approx. 170g / 6.0 oz (including cable and control box)	Approx. 155 g / 5.5 oz (including cable)	Approx. 155 g / 5.5 oz (including cable)
	Control box	-	Approx. 170 g / 6.0 oz	Approx. 170 g / 6.0 oz
Video Input	Input Type	HDMI with HDCP support	HDMI with HDCP support	HD-SDI
	Supported resolution ¹	720p / 60Hz, 59.94Hz ¹	720p / 60Hz, 50Hz, 30Hz, 25Hz, 24Hz 1080i / 60Hz, 50Hz 1080p / 60Hz, 50Hz, 30Hz, 25Hz, 24Hz	720p / 60Hz, 59.94Hz, 50Hz 1080i / 60Hz, 59.94Hz, 50Hz 1080p / 30Hz, 29.97Hz, 25Hz, 24Hz, 23.98Hz *3G-SDI input is not supported.
Display Properties	Resolution	720p (1280 x 720 pixels)	720p (1280 x 720 pixels)	720p (1280 x 720 pixels)
	Colour reproduction	24-bit (16.7 million colours)	24-bit (16.7 million colours)	24-bit (16.7 million colours)
	Adjustable focal length	Approx. 30 cm - Infinity / 12 in - Infinity	Approx. 30 cm - Infinity / 12 in - Infinity	Approx. 30 cm - Infinity / 12 in - Infinity
	Translucency	-	-	-
	Field of view	25.6°	25.6°	25.6°
	Virtual screen size	Approx. 19 in at 1 m distance	Approx. 19 in at 1 m distance	Approx. 19 in at 1 m distance
Operating environment	Temperature	0 to 40°C (operation)	0 to 40°C (operation) / 10-33°C (battery charging)	0 to 40°C (operation) / 10-33°C (battery charging)
	Humidity	20-80%	20-80%	20-80%
Dust and water resistance		IP54 (Head display unit only)	IP54 (Head display unit only)	IP54 (Head display unit only)
Functions		Adjustable brightness (5 levels) / Screen rotation ⁶ / Key lock / Reduction mode ⁷	Adjustable brightness (5 levels) / Screen rotation / Key lock / Magnify mode ³ / Reduction mode ⁷	Adjustable brightness (5 levels) / Screen rotation / Key lock / Magnify mode ³ / Reduction mode ⁷ Monocolor mode ⁹
Wearing style		Headband style with flexible arm	Headband style with flexible arm	Headband style with flexible arm
Power options		USB micro-B port ⁸	AC adapter / internal rechargeable battery / USB micro-B port ⁴	AC adapter / internal rechargeable battery / USB micro-B port ⁴
Battery life		-	Approx. 3 hours	Approx. 3 hours
Power consumption		Approx. 2.5W	Approx. 3.0W ⁵	Approx. 3.0W ⁵
External power input		DC 5V 0.5A	DC 5V 1A+	DC 5V 1A+
Included in package		Display unit, headband, control box, flexible arm for right eye, flexible arm for left eye, rear band, clip, quick starter guide, case, eyecup L *Bag is not included	Display unit, headband, control box, flexible arm for right eye, flexible arm for left eye, lithium ion rechargeable battery, AC adapter, rear band, clip, quick starter guide, case, control box bag	Display unit, headband, control box, flexible arm for right eye, flexible arm for left eye, lithium ion rechargeable battery, AC adapter, rear band, clip, quick starter guide, case, control box bag, eyecup L

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

2 This function enables the AiRScouter to support the use of flexible arms for either the right or left eye.

3 This function enlarges the centre part of the screen by a fixed magnification. The user cannot change or specify the area or percentage of magnification.

4 You may connect a third-party USB charger or mobile power bank via micro-USB to supply power to the AiRScouter; however, this will not charge the internal battery. Only the AC adaptor will charge the battery.

5 This is measured while the AiRScouter is displaying video and powered via the AC adaptor.

6 The screen is automatically rotated by acceleration sensor.

7 This function reduces the screen by a fixed percentage. The user cannot change or specify the percentage of reduction.

8 You may connect a third-party USB charger or mobile power bank via micro-USB to supply power to the AiRScouter.

9 This mode is for preventing the image from colorbreaking.

Others

Model Name	WD-300 series
Auto off	The power automatically turns off if there is no input from a video source for 10 min. or more.
Magnify mode	x2 (640x360 centre image is magnified to 1280x720)
Reduction mode	85% (1280x720 is reduced to 1088x612)
Settings	The settings is kept if the power turns off.