

Model	Walksnail Goggles X		Dominator HD		Walksnail Goggles L		Recon HD	
Manufacturer	Caddx		Fatshark		Caddx		Fatshark	
Release date	2023-10		2022-05		2024-07		2022-11	
Overall score	51	/60	34	/60	26	/60	27	/60
Display	13	/14	11	/14	8	/14	8	/14
Optics	9	/10	5	/10	3	/10	4	/10
Video system versatility	4	/6	2	/6	2	/6	2	/6
Connectivity	5	/6	1	/6	0	/6	1	/6
Radio flexibility	5	/5	5	/5	0	/5	2	/5
DVR	6	/7	2	/7	6	/7	2	/7
Power	4	/6	4	/6	4	/6	4	/6
Comfort	5	/6	4	/6	3	/6	4	/6
Price in June 2026*, \$	459		380		200		190	
Value for money	★★★★☆		★★★★☆		★★★★☆		★★★★★	
General								
Supported system; Color								
Goggle type; Color								
Supported system	Walksnail Avatar HD		Walksnail Avatar HD		Walksnail Avatar HD		Walksnail Avatar HD	
Goggle type	Binoculars		Binoculars		Box		Box	
URL Link	URL		URL		URL		URL	
Display	13		11		8		8	
Technology	OLED		micro-OLED		TFT LCD		TFT LCD	
Display size; in	?		?		4.5		4	
Display resolution	1920x1080		1920x1080		1920x1080		1920x1080	
Refresh rate; Hz	100-120				<=60			
Aspect ratio	16:9		4:3 and 16:9		16:9		4:3 and 16:9	
Optics	9		5		3		4	
FOV	50°		46°		58°		44°	
FOV range	46–50°		46–50°		>50°		36–45°	
IPD adjustment	Yes		Yes		No		No	
IPD range	52-72		57-70		-		*	
IPD adjustment range; mm	≥= 18mm		<14 mm		-		-	
Diopter adjustment	Yes				No		No	
Diopter adjustment range	-6 ... +2		-6 ... +2		*		-	
Prescription lens support	Yes				Yes			
Video system versatility	4		2		2		2	
Built-in digital receiver	Yes		Yes		Yes		Yes	
Built-in analog receiver	No		No		No		No	
Replaceable VRX module	Yes		No		No		No	
Video modes	1080p@60/100fps 720p@60/100fps		1080p@90/60fps 720p@90/60fps		1080p@60fps 720p@60fps		1080p@60fps 720p@60fps	
Max bitrate	50 Mbps		-		50 Mbps		-	
Connectivity	5		1		0		1	
HDMI Input	Yes		No		No		No	
HDMI Output	Yes		No		No		No	
AV-in	Yes		No		No		No	
USB-C (Video)	No		Yes		No		Yes	
Audio jack (3.5mm)	Yes		No		No		No	
Head Tracking	Yes		No		Yes		No	
Wifi	Yes		No		No		No	
Wi-Fi functionality	Yes - Live sharing		-				-	
Radio flexibility	5		5		0		2	
Number of antennas	4		4		1		4	
Replaceable antennas?	Yes		Yes		No		No	
No. of replaceable antennas	*4		4 (RP-SMA)		-		-	
No. of channels	8		8		8		8	
DVR	6		2		6		2	
DVR	Yes		Yes		Yes		Yes	
Max recording resolution	720p				720p			
Max recording FPS	≥=60				≥=60			
Max SD card capacity; GB	256		?		256		?	
DVR details	in .mp4 format		in .mp4 format		in .mp4 format		in .mp4 format	
Power	4		4		4		4	
Built-in battery	-		-		-		-	
External input voltage	2S-6S		2S-5S		2S-6S		2S-5S	
Input voltage range	Wide		Wide		Wide		Wide	
USB-C charging/power	No		No		No		No	
Replaceable battery / external USB/DC power?	External only		External only		External only		External only	
Comfort	5		4		3		4	
Weight; g	290		315		350		337	
Fan	Yes		Yes		No		Yes	
Replaceable face pad	Yes				Yes			
Additional features								
	Interchangeable lenses							
	Cyro (headtracking)							
	Proximity sensor							
Other								
Still in production? (June 2026)	Yes		Yes		Yes		Yes	
PDF manual	+		+		+		+	
* See explanation	* 3 antennas receive the signal, 1 antenna transmits the signal		*Price from rotorriot.com		* Supports special diopter lenses available for purchase at caddxfpv.com		*Price from getfpv.com	
							* IPD fixed, no points awarded.	
Review video								
Video 1	Youtube				Youtube		Youtube	
Video 2	Youtube						Youtube	

I either don't know the parameter values (?) or cannot confirm them. It is more of an educated guess or a hunch.