Model	FPV.One Pilot		HDO+		Goggle 2		FPV.One Race		SKY04X PRO		EV300O		SKY04O PRO		SKY04O		SkyViz		SKY04L		EV300D		EV100	
Manufacturer	Orqa		Fatshark		HDZero		Orqa		Skyzone		Eachine		Skyzone		Skyzone		iFlight		Skyzone		Eachine		Eachine	
Release date	2022-01		2025-01		2025-07		2022-05		2023-11		2020-07		2024-03		2020-06		2025-06		2021-05		2019-11		2017-08	
Overall score	**45**	/60	**42**	/60	**52**	/60	**40**	/60	**44**	/60	**40**	/60	**42**	/60	**41**	/60	**39**	/60	**41**	/60	**41**	/60	**21**	/60
Display	**10**	/14	**13**	/14	**13**	/14	**8**	/14	**14**	/14	**9**	/14	**10**	/14	**9**	/14	**14**	/14	**9**	/14	**9**	/14	**2**	/14
Optics	**10**	/10	**6**	/10	**8**	/10	**7**	/10	**5**	/10	**7**	/10	**7**	/10	**7**	/10	**7**	/10	**7**	/10	**8**	/10	**4**	/10
Video system versatility	**2**	/6	**2**	/6	**6**	/6	**2**	/6	**2**	/6	**2**	/6	**2**	/6	**2**	/6	**4**	/6	**2**	/6	**2**	/6	**2**	/6
Connectivity	**4**	/6	**4**	/6	**5**	/6	**4**	/6	**4**	/6	**4**	/6	**4**	/6	**4**	/6	**3**	/6	**4**	/6	**4**	/6	**2**	/6
Radio flexibility	**5**	/5	**4**	/5	**5**	/5	**5**	/5	**4**	/5	**4**	/5	**4**	/5	**4**	/5	**1**	/5	**4**	/5	**5**	/5	**4**	/5
DVR	**5**	/7	**3**	/7	**6**	/7	**5**	/7	**4**	/7	**3**	/7	**4**	/7	**4**	/7	**2**	/7	**4**	/7	**3**	/7	**0**	/7
Power	**4**	/6	**4**	/6	**4**	/6	**4**	/6	**6**	/6	**6**	/6	**6**	/6	**6**	/6	**4**	/6	**6**	/6	**4**	/6	**2**	/6
Comfort	**5**	/6	**6**	/6	**5**	/6	**5**	/6	**5**	/6	**5**	/6	**5**	/6	**5**	/6	**4**	/6	**5**	/6	**6**	/6	**5**	/6
Price in September 2026*; $	800		650	*	570		570		548		500		477		430		480		360		320		98	
Value for money	★☆☆☆☆		★☆☆☆☆		★★★☆☆		★☆☆☆☆		★★☆☆☆		★★☆☆☆		★★☆☆☆		★★★☆☆		★★☆☆☆		★★★★☆		★★★★☆		☆☆☆☆☆	
General																								
Supported system; Color																								
Goggle type; Color																								
Supported system	Analog		Analog *		HDzero Analog		Analog		Analog		Analog		Analog		Analog		Analog		Analog		Analog		Analog	
Goggle type	Binoculars		Binoculars		Binoculars		Binoculars		Binoculars		Binoculars		Binoculars		Binoculars		Binoculars		Binoculars		Binoculars		Binoculars	
URL Link	URL		URL		URL		URL		URL		URL		URL		URL		URL		URL		URL		URL	
Display		**10**		**13**		**13**		**8**		**14**		**9**		**10**		**9**		**14**		**9**		**9**		**2**
Technology	micro-OLED	6	micro-OLED	5	micro-OLED	6	OLED	5	OLED	6	OLED	5	OLED	6	OLED	5	micro-OLED	6	LCOS	2	LCOS	6	TFT LCD	2
Display size; in	0.5		0.49		?		?		?				?		?		0.49		?					
Display resolution	1280x960	4	1920x1080	5	1920x1080	5	1024x768	3	1920x1080	5	1024x768	3	1280x720	4	1024x768	3	1920x1080	5	1280x960	4	1280x960	4	720x540	0
Refresh rate; Hz		0	90	2	90	2		0	100-120	3		0		0		0	100-120	3		0		0		0
Aspect ratio	4:3 and 16:9	1	4:3 and 16:9	1	4:3 and 16:9	1	4:3	0	4:3 and 16:9	1	4:3 and 16:9	1	4:3 and 16:9	1	4:3 and 16:9	1	4:3 and 16:9	1	4:3 and 16:9	1	4:3 and 16:9	1	4:3	0
Optics		**10**		**6**		**8**		**7**		**5**		**7**		**7**		**7**		**7**		**7**		**8**		**4**
FOV	37°		50°		46°		33°		52°		38°		42°		38°		44°		39°		42°		28° *	
FOV range	36–45°	4	46–50°	3	46–50°	3	30–35°	2	>50°	2	36–45°	4	36–45°	4	36–45°	4	36–45°	4	36–45°	4	36–45°	4	<30°	1
IPD adjustment	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2
IPD range	56-74		57-70		58-72		56-74		58-71		58-71		58-71		58-71		56-72		58-71		56-72		58-68	
IPD adjustment range; mm	>= 18mm	2	<14 mm	0	14-17 mm	1	14-17 mm	1	<14 mm	0	<14 mm	0	<14 mm	0	<14 mm	0	14-17 mm	1	<14 mm	0	14-17 mm	1	<14 mm	0
Diopter adjustment	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1		0	Yes	1	Yes	1	Yes	1
Diopter adjustment range	-4 ... +4		-6 ... +2		-7 ... +4		-4 ... +4		-6 ... +2		-6 ... +6		-6 ... +2		-6 ... +2		-7 ... +2		-6 ... +2		-8 ... +3		-4 ... +1	
Prescription lens support	Yes	1		0	Yes	1	Yes	1		0		0		0		0		0		0		0		0
Video system versatility		**2**		**2**		**6**		**2**		**2**		**2**		**2**		**2**		**4**		**2**		**2**		**2**
Built-in digital receiver	No	0	No	0	Yes	2	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0
Built-in analog receiver	No		No		Yes		No		No		No		No		No		Yes		No		No		No	
Replaceable VRX module	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2
Video modes	Depends on VRX module		NTSC/PAL		1080p@30fps 720p@60fps 540p@90/60fps		Depends on VRX module		NTSC/PAL		NTSC/PAL		NTSC/PAL		NTSC/PAL		NTSC/PAL		NTSC/PAL		NTSC/PAL		NTSC/PAL	
Max bitrate	-		-		-		-		-		-		-		-		-		-		-		-	
Connectivity		**4**		**4**		**5**		**4**		**4**		**4**		**4**		**4**		**3**		**4**		**4**		**2**
HDMI Input	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	No	0
HDMI Output	No	0	No	0	Yes	1	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0
AV-in	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1
USB-C (Video)	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0
Audio jack (3.5mm)	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	No	0	Yes	1	Yes	1	Yes	1
Head Tracking	Yes		No		Yes		Yes		Yes		Yes		Yes		Yes				Yes		No		No	
Wifi	No	-	No	-	Yes	-	No	-	No	-	No	-	No	-	No	-	No	-	No	-	No	-	No	-
Wi-Fi functionality	-		-		Yes - Live sharing		-		-		-		-		-		-		-		-		-	
Radio flexibility		**5**		**4**		**5**		**5**		**4**		**4**		**4**		**4**		**1**		**4**		**5**		**4**
Number of antennas	4	2	2	1	4	2	4	2	2	1	2	1	2	1	2	1	2	1	2	1	4	2	2	1
Replaceable antennas?	Yes	3	Yes	3	Yes	3	Yes	3	Yes	3	Yes	3	Yes	3	Yes	3	No	0	Yes	3	Yes	3	Yes	3
No. of replaceable antennas	2 VRX modules, most likely 4 antennas.		Depends on the VRX module used.		4 (SMA)		2 VRX modules, most likely 4 antennas.		2 (SMA)		2 (SMA)		2 (SMA)		2 (SMA)		-		2 (SMA)		4 (RP-SMA)		2 (RP-SMA)	
No. of channels	-		-		?		-		48		48		48		48		48		48		72		72	
DVR		**5**		**3**		**6**		**5**		**4**		**3**		**4**		**4**		**2**		**4**		**3**		**0**
DVR	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	No	0
Max recording resolution	720p				720p		960p														<=480p			
Max recording FPS	>=60	2	<=30	1	>=60	2	>=60	2	>=60	2	<=30	1	>=60	2	>=60	2		0	>=60	2	<=30	1	-	0
Max SD card capacity; GB	?	0	32	0	512	1	?	0	128	0	128	0	128	0	128	0	64	0	128	0	?	0	-	0
DVR details	in .mp4 format (H264, 960p@60/50fps)		in .avi format		in .mp4* format (H264/H265, 720p@90/60/50fps)		in .mp4 format (H264: 1024x768@60/50fps)		in .mov format (H264@60fps)		in .mov format (H264@30fps)		in .mov format (MJPEG@60fps)		in .mov format (H264@60fps)		in .avi or in .mp4 format (?@30fps) (Different information in Web and in manual)		in .mov format (H264@60fps)		in .avi format (H264@30fps) (720x576 / 720x480)		-	
Power		**4**		**4**		**4**		**4**		**6**		**6**		**6**		**6**		**4**		**6**		**4**		**2**
Built-in battery	-		-		-		-		-		-		-		-		-		-		-		-	
External input voltage	2S-6S		2S-6S		2S-6S		2S-6S		2S-6S		2S-6S		2S-6S		2S-6S		2S-6S		2S-6S		2x18650 Li-ion arba (2S-6S)		2S 1000mAh	
Input voltage range	Wide	2	Wide	2	Wide	2	Wide	2	Wide	2	Wide	2	Wide	2	Wide	2	Wide	2	Wide	2	Wide	2	One voltage	0
USB-C charging/power	No	0	No	0	No	0	No	0	Yes	2	Yes	2	Yes	2	Yes	2	No	0	Yes	2	No	0	No	0
Replaceable battery / external USB/DC power?	External only	2	External only	2	External only	2	External only	2	External only	2	External only	2	External only	2	External only	2	External only	2	External only	2	External only	2	External only	2
Comfort		**5**		**6**		**5**		**5**		**5**		**5**		**5**		**5**		**4**		**5**		**6**		**5**
Weight; g	259	0	236	3	305	0	259	0	267	0	262	0	262	0	262	0	300	0	267	0	208	3	221	0
Fan	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2
Replaceable face pad	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1	Yes	1		0	Yes	1	Yes	1	No	0
Additional features																								
	Diopter lens holders				Integrated analog module		Diopter lens holders		Comes with an analog VRX: 5.8GHz 48CH V3.3 Steadyview Receiver.		Comes with the Rapid Mix analog VRX module.		Comes with an analog VRX: 5.8GHz 48CH V3.3 Steadyview Receiver.		Comes with an analog VRX: 5.8GHz 48CH V3.3 Steadyview Receiver.		Low battery notification (glasses)		Comes with an analog VRX: 5.8GHz 48CH V3.3 Steadyview Receiver.		It comes with two diversity analog modules (resulting in quadversity)		(miniUSB!) For charging / power supply	
					Movement/input sensor (Similar to Proximity sensor)		Proximity (standby) sensor		You can choose from several colors.		The goggles are believed to be identical to the Skyzone O4X model.										Powered by two 18650 batteries (comes with a battery holder)		It comes with a 2S 1000mAh battery that charges via microUSB (the manufacturer does not recommend charging it via DC cables?).	
	2 slots for VRX modules						2 slots for VRX modules				They have cases in all sorts of colors.										(miniUSB!) For charging / power supply			
Other																								
Still in production? (June 2026)	Yes		Yes		Yes		Yes		Yes		?		Yes		Not anymore		Yes		Not anymore		?		?	
PDF manual	+		+		+		+		+		+		+		+		+		+		+		+	
* See explanation			* An additional analog VRX module is required, as it comes without any module.		*DVR and in .ts format												To use VRX modules, the Skyviz Goggles Analog Receiver Adapter Board is required. You can connect an external VRX without it, but based on the manufacturer's description, there appear to be some issues.						Due to its extremely narrow FOV, it is not among the recommended headsets.	
			There will most likely be two antennas—VRX modules usually have two.		* Integrated gyto for Headtracking																			
			* Price from Getfpv.com		Docs																			
Review video																								
Video 1	Youtube		Youtube		Youtube		Youtube		Youtube		Youtube								Youtube		Youtube		Youtube	
Video 2	Youtube		Youtube				Youtube																	

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