





Model				
Version	Night vision binoculars			
SKU   3309			PVS-40	
Image intensifier tube   Image intensifier grade   Gen 2+ (green phosphor)   Resolution (lp/mm)   45-57   Signal to noise ratio (dB)   15-21   15-21   10000			-	
Image intensifier grade         Gen 2+ (green phosphor)           Resolution (Ip/mm)         45-57           Signal to noise ratio (dB)         15-21           Optical Sensitivity (μA/lumen)         450-500           Average continuous operating time (hrs)         10000           Lens         1x (3x, 4x and 5x optional)           Field of view, °         42+/-3           Lens         F1.2, 25mm           Objective lens adjustment         0.25 ~ ∞           Diopter adjustment         +5/-5           Eye relief adjustable range, mm         65+/-5           Detection distance         -           Object detection, m         ≤180-220           Dimensions         115x127x69           Bracket         -           Weight, g         645           Common         -           Power Supply         DC 2.6-4.2V           Video output         -           Battery         2 x CR123           Battery iffe, hours         ≤40           Memory card slot         -           WiFi hotspot         -           Head mount         +           Helmet mount         +           Helmet mount         +           Bag			3309	
Resolution (Ip/mm)				
Signal to noise ratio (dB)         15-21           Optical Sensitivity (μA/lumen)         450-500           Average continuous operating time (hrs)         10000           Lens           Magnification         1x (3x, 4x and 5x optional)           Field of view, °         42+/-3           Lens         F1.2, 25mm           Objective lens adjustment         0.25 ~ ∞           Diopter adjustment         +5/-5           Eye relief adjustable range, mm         65+/-5           Detection distance         0bjective detection, m           Dimensions         ≤180-220           Size, mm         Total length         127           Housing         115x127x69           Bracket         -           Weight, g         645           Common         Common           Power Supply         DC 2.6-4.2V           Video output         -           Battery iffe, hours         ≤40           Memory card slot         -           WiFi hotspot         -           Head mount         +           Helmet mount         +           Batteries         +           Magnifier Lens         -           Bag         +			Gen 2+ (green phosphor)	
Optical Sensitivity (µA/lumen)         450-500           Average continuous operating time (hrs)         10000           Lens           Magnification         1x (3x, 4x and 5x optional)           Field of view, °         42+/-3           Lens         F1.2, 25mm           Objective lens adjustment         0.25 ~ ∞           Diopter adjustment         +5/-5           Eyepiece         Eye relief adjustable range, mm         65+/-5           Detection distance         Object detection, m         ≤180-220           Dimensions         Total length         127           Size, mm         Housing         115x127x69           Bracket         -         45-5           Common         Power Supply         DC 2.6-4.2V           Video output         -         -           Battery         2 x CR123         Battery Ife, hours           Memory card slot         -         -           Wiff hotspot         -         -           Head mount         +         -           Helmet mount         +         -           Helmet mount         +         -           Helmet mount         +         -           Helmet mount         - <td colspan="2">****</td> <td>45-57</td>	****		45-57	
Average continuous operating time (hrs)  Lens  Magnification	· ,		15-21	
Lens	Optical Sensitivity (μΑ/lumen)		450-500	
Tax (3x, 4x and 5x optional)	Average continuous operating time (hrs)		10000	
Field of view, ° 42+/-3  Lens   F1.2, 25mm   Objective lens adjustment   Diopter adjustment   Diopter adjustment   Diopter adjustment   Evepliece   Eye relief adjustable range, mm   Dimensions   Size, mm   Total length   Housing   Bracket   Bracket    Common   Power Supply   Dideo output   Battery   Batteries   Head mount   Helmet mo	Lens			
F1.2, 25mm	Magnification		1x (3x, 4x and 5x optional)	
Objective lens adjustment  Diopter adjustment  Eyepiece  Eye relief adjustable range, mm  Dietection distance  Object detection, m  Dimensions  Total length Housing Bracket  - Weight, g  Common  Power Supply  Video output  Battery  Batteries  Head mount Helmet mount Helm	Field of view, °		42+/-3	
Diopter adjustment	Lens		F1.2, 25mm	
Eye relief adjustable range, mm   65+/-5    Detection distance   Object detection, m   \$180-220    Dimensions   Size, mm   Total length   127   Housing   115x127x69   Bracket   -   Weight, g   645    Common   Power Supply   DC 2.6-4.2V   Video output   -   Battery   2 x CR123   Battery   2 x CR123   Battery   540   Memory card slot   -   Wifi hotspot   -   Accessories included in the kit   Magnifier Lens   +   Magnifier Lens   -   Bag   +   Hard case   +   Her rating   Housing material, plastic/metal   +/+	Objective lens adjustment		0.25 ~ ∞	
Eye relief adjustable range, mm   65+/-5    Detection distance  Object detection, m   \$180-220    Dimensions    Total length   127     Housing   115x127x69     Bracket   -	Diopter adjustment		+5/-5	
Detection distance Object detection, m  Dimensions  Size, mm  Total length Housing Bracket  Flouring  DC 2.6-4.2V  Video output Battery Batteries Batteries Head mount Helmet moun	Eyepiece			
Object detection, m  Dimensions  Size, mm  Total length 127 Housing 115x127x69 Bracket -  Weight, g 645  Common  Power Supply DC 2.6-4.2V  Video output - Battery 2 x CR123 Battery life, hours 400  WiFi hotspot -  WiFi hotspot -  Accessories included in the kit Magnifier Lens - Bag + Hard case + Housing 115x127x69  DC 2.6-4.2V  Video Output -  Batteries + Magnifier Lens - Bag + Hard case + Her mount - Her mount - Her rating - Batteries - Hard case + Her rating - Batterial, plastic/metal +/+	Eye relief adjustable range, mm		65+/-5	
Dimensions    Total length   127	Detection distance			
Size, mm  Total length 127  Housing 115x127x69  Bracket -  Weight, g 645  Common  Power Supply DC 2.6-4.2V  Video output -  Battery 2 x CR123  Battery life, hours \$\leq 40\$  Memory card slot -  WiFi hotspot -  Accessories included in the kit	Object detection, m		≤180-220	
Size, mm       Housing       115x127x69         Bracket       -         Weight, g         Common         Power Supply         DC 2.6-4.2V         Video output       -         Battery       2 x CR123         Battery life, hours       ≤40         Memory card slot       -         WiFi hotspot       -         Head mount       +         Helmet mount       +         Batteries       +         Magnifier Lens       -         Bag       +         Hard case       +         Housing material, plastic/metal       +/+	Dimensions			
Bracket   -	Size, mm	Total length	127	
Weight, g         645           Common           Power Supply         DC 2.6-4.2V           Video output         -           Battery         2 x CR123           Battery life, hours         ≤40           Memory card slot         -           WiFi hotspot         -           Head mount         +           Helmet mount         +           Helmet mount         +           Batteries         +           Magnifier Lens         -           Bag         +           Hard case         +           Housing material, plastic/metal         +/+		Housing	115x127x69	
Common           Power Supply         DC 2.6-4.2V           Video output         -           Battery         2 x CR123           Battery life, hours         ≤40           Memory card slot         -           WiFi hotspot         -           Head mount         +           Helmet mount         +           Helmet mount         +           Magnifier Lens         -           Bag         +           Hard case         +           Housing material, plastic/metal         +/+		Bracket	-	
Power Supply         DC 2.6-4.2V           Video output         -           Battery         2 x CR123           Battery life, hours         ≤40           Memory card slot         -           WiFi hotspot         -           Head mount         +           Helmet mount         +           Helmet mount         +           Magnifier Lens         -           Bag         +           Hard case         +           Housing material, plastic/metal         +/+	Weight, g		645	
Video output - Battery 2 x CR123  Battery ife, hours ≤40  Memory card slot - WiFi hotspot	Common			
Battery 2 x CR123  Battery life, hours ≤40  Memory card slot -  WiFi hotspot -  Accessories included in the kit Magnifier Lens +  Bat Hard case +  Herat mount +  Helmet mount +  Batteries +  Magnifier Lens -  Bag +  Hard case +  Herat case +  Housing material, plastic/metal +/+	Power Supply		DC 2.6-4.2V	
### Section   Parting   Battery life, hours   Section    ### Section   Sect	Video output		-	
Memory card slot	Battery		2 x CR123	
Head mount	Battery life, hours		≤40	
Head mount	Memory card slot		-	
Helmet mount	WiFi hotspot		-	
Accessories included in the kit	Accessories included in the kit	Head mount	+	
Magnifier Lens   -		Helmet mount	+	
Bag		Batteries	+	
Bag		Magnifier Lens	-	
Hard case +  IP rating 65  Housing material, plastic/metal +/+			+	
Housing material, plastic/metal +/+			+	
	IP rating		65	
Operating temperature, °C -40 - +50	Housing material, plastic/metal		+/+	
	Operating temperature, °C		-40 - +50	