

Vixen GEOMA II Spotting scope specification						
	GEOMA II ED 52-S		GEOMA II ED 67-S		GEOMA II ED 82-S	
	18052	18053	18092	18093	18072	18073
	with Case	with Case	with Case	with Case	with Case	with Case
	without Eyepiece	with GLH20D Eyepiece	without Eyepiece	with GLH20D Eyepiece	without Eyepiece	with GLH20D Eyepiece
Type	Straight viewing		Straight viewing		Straight viewing	
Objective lens diameter	52mm		67mm		82mm	
Focal length	278mm		386mm		514mm	
Height x length	10.2cm x 17.7 cm (the shortest)		12cm x 33 cm		11.8cm x 36.4cm	
	10.2cm x 21.7mm 'extended for use)					
Weight	486g/17.14oz		1010g/36.62oz		1330g/46.91oz	
Specification with GLH20D						
Magnification		14X		20x		27x
Eye relief		18.0mm		18.0mm		18.0mm
Angular field of view		3.3°		3.6°		2.6°
Apparent FOV		46.0°		72.0°		70.2°
FOV at 1000m		58m		54m		45m
Exit pupil		3.7mm		3.4mm		3.0mm
Brightness		13.7		11.6		9.0
Close focus		4.0m		4.0m		10.0m
ED lens	Extra-low dispersion glass is used in the objective lens to eliminate chromatic aberration. It provides a high level of color correction and a clearer view.		Extra-low dispersion glass is used in the objective lens to eliminate chromatic aberration. It provides a high level of color correction and a clearer view.		Extra-low dispersion glass is used in the objective lens to eliminate chromatic aberration. It provides a high level of color correction and a clearer view.	
PFM Coating			The PFM stands for Perfect Multi-Coating that minimize the loss of light transmission resulting in bright and sharp images.		The PFM stands for Perfect Multi-Coating that minimize the loss of light transmission resulting in bright and sharp images.	
Multi-Coated	One or more surfaces of the lenses are coated with three layers or more to increase light transmission.					
Water Proof			The Product is designed to prevent moisture or water from entering the binocular or spotting scope. These products are suitable for use outdoors.		The Product is designed to prevent moisture or water from entering the binocular or spotting scope. These products are suitable for use outdoors.	
Straight Viewing	Straight Thru Eyepiece Design makes it easier to keep your target object centered in the scope's field of view.		Straight Thru Eyepiece Design makes it easier to keep your target object centered in the scope's field of view.		Straight Thru Eyepiece Design makes it easier to keep your target object centered in the scope's field of view.	