



LEICA ULTRAVID 42 HD-PLUS

Technical data



Binocular	Leica Ultravid 10x42 HD-PLUS	Leica Ultravid 8x42 HD-PLUS	Leica Ultravid 7x42 HD-PLUS
Order No. Product	40 094	40 093	40 092
Rubber armored, black			
Delivery scope	Neoprene carrying strap, contoured, eyepiece cover, protective front lens cover, Cordura case	Neoprene carrying strap, contoured, eyepiece cover, protective front lens cover, Cordura case	Neoprene carrying strap, contoured, eyepiece cover, protective front lens cover, Cordura case
Magnification	10 x	8 x	7 x
Front lens diameter	42 mm	42 mm	42 mm
Exit pupil	4.2 mm	5.2 mm	6 mm
Twilight factor	20.5	18.3	17.1
Field of view at 1,000 m	112 m	130 m	140 m
Field of view at 1,000 yds	336 ft	389 ft	420 ft
Eye-relief	16 mm	15.5 mm	17 mm
Objective angle of view	6.4°	7.4°	8°
Close focusing distance	approx. 2.9 m/9.5 ft	approx. 3 m/9.8 ft	approx. 3.3 m/10.8 ft
Diopter compensation	± 4 diopters	± 4 diopters	± 4 diopters
Automatic diopter compensation ADC™	yes	yes	yes
Eyepieces for eyeglass wearers	yes, removable, with two click stops	yes, removable, with two click stops	yes, removable, with two click stops
Adjustable interpupillary distance	55 – 75 mm	55 – 75 mm	55 – 75 mm
Focusing	Internal focusing via central focusing device	Internal focusing via central focusing device	Internal focusing via central focusing device
No. of lens elements (each side)	9, all with HDC™ coating and Leica AquaDura™	9, all with HDC™ coating and Leica AquaDura™	8, all with HDC™ coating and Leica AquaDura™
Prism system	Roof prism with phase correcting coating P40 and HighLux-System HLS™	Roof prism with phase correcting coating P40 and HighLux-System HLS™	Roof prism with phase correcting coating P40 and HighLux-System HLS™
Watertightness	Watertight to a depth of 5 m/16.5 ft	Watertight to a depth of 5 m/16.5 ft	Watertight to a depth of 5 m/16.5 ft
Housing	Die-cast magnesium, nitrogen-filled	Die-cast magnesium, nitrogen-filled	Die-cast magnesium, nitrogen-filled
Dimensions (W x H x D)	120 x 147 x 68 mm 4¾ x 5¾ x 2¾ in	121 x 142 x 67 mm 4¾ x 5½ x 2½ in	120x 141 x 68 mm 4¾ x 5½ x 2½ in
Weight	approx. 750 g / 26.5 oz	approx. 790 g / 27.9 oz	approx. 770 g / 27.2 oz
Order No. Accessories			
Neoprene carrying strap, contoured	included	included	included
Floating carrying strap, orange	42 163	42 163	42 163
Tripod adapter	42 220	42 220	42 220