



LEICA VARIO EYEPIECES

Technical Data.



Designation	Leica vario eyepiece 25x-50x WW ASPH.	Leica vario eyepiece 20x-60x
Device type	Spotting scope	Spotting scope
Order no.	41 021 (black)	41 023 (black)
For use	with all Leica APO-Televid and Televid HD spotting scopes	with all Leica APO-Televid and Televid HD spotting scopes
Scope of delivery	Bayonet cap and eyepiece cap	Bayonet cap and eyepiece cap
Magnification	25x – 50x	20x – 60x
Lens focal length	—	—
Exit pupil		
Televid 65	2.6 mm (25x) to 1.3 mm (50x)	3.25 mm (20x) to 1.1 mm (60x)
Televid 82	3.3 mm (25x) to 1.6 mm (50x)	4.0 mm (20x) to 1.4 mm (60x)
Close distance		
Televid 65	2.9 m	2.9 m
Televid 82	3.9 m	3.9 m
Field of view at 1,000 yds / m	126 ft (25x) to 84 ft (50x) 42 m (25x) to 28 m (50x)	105 ft (20x) to 60 ft (60x) 35 m (20x) to 20 m (60x)
Subjective angle of view	57° (25x) to 74° (50x)	37° (20x) to 65° (60x)
Eyepiece for eyeglass wearers	yes	yes
Eyecup with twist-and-pull action	yes	yes
Watertightness	to a depth of 16.5 ft / 5 m	to a depth of 13.1 ft / 4 m
External diameter	2.3 in / 59.5 mm	2.2 in / 57 mm
Overall length	4.1 in, 3.4 in (without bayonet) 105 mm, 87 mm (without bayonet)	3.5 in, 3.0 in (without bayonet) 90 mm, 75 mm (without bayonet)
Weight	15.3 oz / 435 g	13.1 oz / 370 g



LEICA **EXTENDER 1.8x** & **DIGISCOPING LENS**

Technical Data.



Designation	Leica Extender 1.8x	Leica Digiscoping lens 35 mm
Device type	Spotting scope	Spotting scope
Order no.	41 022 (black)	42 308 (black)
For use	with Leica APO-Televid and Televid HD (angled) spotting scopes with Leica zoom eyepieces	with Leica APO-Televid and Televid HD (angled) spotting scopes with Leica zoom eyepieces and Leica Extender 1.8x
Scope of delivery	Bayonet cap and eyepiece cap	Cordura lens case
Magnification	45x – 90x (with Vario eyepiece 25x–50x) 36x – 108x (with Vario eyepiece 20x–60x)	corresponding to eyepiece combination
Lens focal length	—	34.5 (35 mm format)
Exit pupil		
Televid 65	25x–50x: 1.5 mm (45x) to 0.73 mm (90x) 20x–60x: 1.8 mm (36x) to 0.62 mm (108x)	—
Televid 82	25x–50x: 1.8 mm (45x) to 0.91 mm (90x) 20x–60x: 2.28 mm (36x) to 0.8 mm (108x)	—
Close distance		
Televid 65	3.5 m	depends on spotting scope
Televid 82	3.8 m	depends on spotting scope
Field of view at 1,000 yds / m	25x–50x: 23.6 yds (45x) to 15.3 yds (90x) 21.6 m (45x) to 14 m (90x) 20x–60x: 20.8 yds (36x) to 12.0 yds (90x) 19 m (36x) to 11 m (108x)	—
Subjective angle of view	25x–50x: 53° (45x) to 65° (90x) 20x–60x: 38° (36x) to 66.3° (108x)	—
Eyepiece for eyeglass wearers	yes	—
Eyecup with twist-and-pull action	yes	—
Image size (mm x mm)	—	23.6 x 15.7
Image diagonal (mm)	—	28.4 (APS-C, Leica T)
Largest scale	—	1:2.4 1:1.3 (with Ext.)
Smallest diagonal of object	—	72.2 mm 38.0 mm (with Ext.)
Smallest field of object	—	60.1 x 40.0 mm 31.6 x 21.1 mm (with Ext.)
Watertightness	to a depth of 16.5 ft / 5 m	to a depth of 16.5 ft / 5 m
External diameter	2.3 in / 59.05 mm	2.7 in / 68 mm
Overall length	1.61 in, 0.91 in (without bayonet) 41 mm, 23 mm (without bayonet)	2.6 in / 65 mm (without T2 adapter)
Weight	3.2 oz / 92 g	8.8 oz / 250 g