

THE NEW LEICA TRI-ELMAR-M 16-18-21mm/f4 ASPH

TECHNICAL SPECIFICATION





Technical Data

LEICA TRI-ELMAR-M 16-18-21mm f/4 ASPH.

Corresponding focal length with 35mm-format when used on the LEICA M8

at 16mm	21mm
at 18mm	24mm
at 21mm	28mm

Angle of view (diagonal, horizontal, vertical)

at 16mm	107°, 97°, 74° (for 35mm / 24x36mm) 90°, 80°, 59° (for LEICA M8 / 18x27mm)
at 18mm	100°, 90°, 67° (for 35mm / 24x36mm) 84°, 74°, 53° (for LEICA M8 / 18x27mm)
at 21mm	92°, 81°, 60° (for 35mm / 24x36mm) 75°, 65°, 46° (for LEICA M8 / 18x27mm)

Optical design

Number of lenses / groups	10 / 7
Aspherical surfaces	2

Distance setting

Focusing range	0.5m to ∞, range from 0.5 to 0.7m separated by index ²
Scales	Combined meter/feet graduation with uniform grey figures below 0.7m

Smallest object field / Largest reproduction ratio

at 16mm:	915 x 1373mm, approx. 1:38
at 18mm:	833 x 1250mm, approx. 1:35
at 21mm:	725 x 1087mm, approx. 1:30
	(for 35mm / 24x36mm):
at 16mm:	688 x 1032mm, approx. 1:38
at 18mm:	626 x 939mm, approx. 1:35
at 21mm:	545 x 817mm, approx. 1:30

Aperture

Setting / Function	Preset, with click-stops, half values available
Lowest value	22

Lens mount

Leica M quick-change bayonet with 6 bit lens
identification bar code for digital M models³

Filter mount

Filter holder for E67 size filters (optionally
available)

Lens hood

Male thread, non-rotating and with stop for
filter holder or lens hood, screw-on type lens
hood (included in delivery)



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Viewfinder

Universal Wideangle Finder M with frames for
16, 18, 21, 24, and 28mm

Finish

Black anodized

Dimensions and weight

Length to bayonet flange

approx. 63mm

Largest diameter

approx. 55mm

Weight

approx. 350g