

PENTAX Binoculars

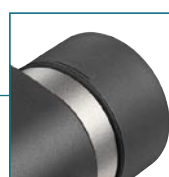
DCF LV



LIGHT VISION MEETS HIGH-END EXPECTATIONS.

It is compact and overloaded with high performance features to deliver outstanding viewing enjoyment. The sleek, fully rubberised and waterproof body includes a large focus wheel and twist-up eyecups for comfortable handling. The DCF LV is your ideal compact companion where optical performance is desired: with an impressively sharp and high-contrast image and excellent resolution!

- > Waterproof housing (JIS Class 6), Magnesium Alloy Body
- > Phase correcting coating
- > Rubberised body



Click-stop diopter adjustment. Comfortable eye-relief at 18mm and close-focus to 3 metres.



Lightweight magnesium body. Full-body rubberised body with extra large focus wheel.



For excellent optical results: lenses fully Multi-coated, BaK4-prism, Phase correcting coating. 9x28: an ideal combination of field of view and magnification.

PENTAX
PentaBright
TECHNOLOGY

PENTAX

MAGNIFICATION

Magnification is the first number you read in the product description. For example: DCF LV 9x28. The 9 indicates that you are bringing the object 9x closer than if viewed only with the naked eye. Generally, by increasing magnification, you reduce the field-of-view. Also, the higher the magnification, the more difficult it is to keep the binocular stable and the image steady. Ideally, a magnification of 10x – or lower – is most suitable for longer periods of observation.

OBJECTIVE LENS

The objective lens is the lens on the front of the binocular. Let us use the example of the DCF LV 9x28 again. The second number in the product description refers to the diameter of the objective lens in mm. A larger diameter will allow more light to enter the binocular. This becomes very important when used under low-light conditions. However, factors such as additional weight, size and expense need to be considered.

EYE RELIEF

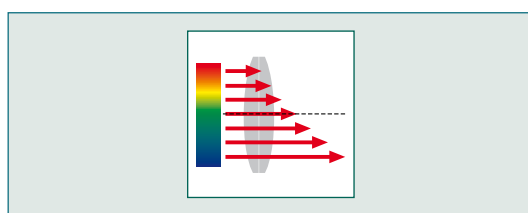
Eye relief is the distance from your eye to the outer lens of the eyepiece (ocular lens) and is specified in millimetres. A higher eye relief results in greater viewing comfort. Ideally, the eye relief for compacts should be in the range of 8 – 14mm (like DCF LV) and for full-size between 15 and 20mm. It is important for spectacle wearers to maintain at least 17mm to enjoy the full field-of-view.

SMC MULTI-LAYER LENS COATING

To improve the overall transmission and resolution, lens-coatings are used to reduce reflection and any loss in contrast. With the use of Super Multi Coated lenses, PENTAX achieves high efficiency, allowing light transmission of up to 98%! The **PENTAX SMC coating** is a complex and sophisticated 7-layer coating that corrects light transmission over the full light spectrum. The patented PENTAX SMC technology is renowned in



the optical industry.



DCF LV	
Magnification	9x
Objective lens diameter	28mm
Type	Full-size Roof
Lens Coating	Fully Multi-coated
Prism	BaK4 with High Resolution Phase correcting coating
Twilight Factor	15.9
Field of View (at 1,000 metres)	98m
Close focus	3m
Exit Pupil	3.1mm
Eye Relief	18mm
Eyecups	Twist-Up Multi-Stop
Waterproof	Yes (JIS Class 6) – Nitrogen purged
Tripod adaptor	No
Size (LxWxH in mm)	117x115x44
Weight (g)	365
PENTAX Code No.	62599
Accessories	Eyepiece lens cap, Case, Neck strap

Code No. DCF LV 9x28

62599

Barcode

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