

FLITE

Night vision goggle for helicopter pilots

Equipped with ultra wide aperture objective lenses, FLITE offers unequalled optical performance at the lowest light levels, while remaining lightweight and compact.

FLITE offers compact, lightweight high-performance lenses due to an innovating design using aspherical lenses.

FLITE is optimized for use with 2nd and 3rd Generation tubes.

FLITE offers 25mm eye relief for pilots' optimum comfort and improved peripheral vision.

FLITE is compliant with all types of cockpit lighting due to internal or removable external filters (A,B,C class or 645nm).

FLITE's helmet adaptor is compliant with the standard ANVIS interface.



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FLITE is fully ruggedised with a F/0.95 aperture objective lens offering outstanding performance at lowest light levels.

FLITE collects 60% more light flow than standard binoculars equipped with F/1.2 aperture lenses. The innovative optical design and the use of aspherical lenses, insures the system delivers the best optical performance compared to other goggles. FLITE eye relief provides excellent peripheral vision with the objective lenses optimized to utilize the performance of 2nd and 3rd generation image intensifier tubes.

The FLITE precise mechanical design offers perfect stability of both goggle channels for improved comfort to pilots.

FLITE is compliant with all types of piloting helmets with the binocular mount compliant with ANVIS standard allowing mounting, dismounting, flipping up, and ejection of goggles under shocks



For technical information contact:

Qioptiq Limited
sales@uk.qioptiq.com
phone +44 (0)1745 588000
www.qioptiq.com



Main features

Field of view:	40° typical
Magnification:	1x
Typical resolution at optimum light level:	- with intensified tube at 64 pl/mm: 1.33 pl/mrd - with intensified tube at 72 pl/mm: 1.42 pl/mrd
Eye relief:	25mm with 14mm pupil on axis and 7mm pupil in full field
Diopter adjustment:	-6dp to +2dp
Parallelism:	- Convergence: <30 minutes - Divergence : <10 minutes - Dipvergence: <10 minutes
Objective lenses:	standard F/0.95, F/1.2 optional
Objective lenses filters:	internal or removable (A,B,C class and 645 nm)
Weight:	535g (450g with optional F/1.2 objective lens)
Power supply:	2 AA size 1.5V batteries
Operating temperature:	-32°C up to +52°C
Storage temperature:	-35°C up to +65°C
Standard Configuration:	Goggle, Carrying bag, Cleaning kit, User manual, Objective and eyepiece protective caps
Optional accessories:	Objective lenses filters according to cockpit lighting, Transport case