

THE LIGHTEST AND SMALLEST MULTIFUNCTION NIGHT VISION BINOCULAR

TCA BINO SET COMPOSITION



The **TCA BINO SET COMPOSITION** is a super lightweight and super compact, ruggedized (Aluminum light alloy) and extremely versatile night vision binocular with 2 dedicated twin tubes, designed and manufactured by TCA. It is the only ruggedized binocular night vision goggle with dioptic adjustment, worldwide, that has a weight below 600 grams. It can be used by military or police users as binocular goggle for land, air or maritime when the user needs a compact and lightweight, real stereoscopic system. It can be used also as a monocular system flipping up one channel. The system can be helmet mounted, head mounted and handheld.

The head and helmet mounts developed by TCA, use a position independent magnetic-electronic switching system that controls the automatic switch on and switch off of the complete system, or the individual channel, when flipped to side, flipped down or up.

The tight cooperation between TCA and PHOTONIS makes it possible to install the smallest and most performant image intensifier tube in the world:

The new **16mm 4G** autogated image intensifier tube (min. FOM: 1800). The result is a high performance and ultra-small night vision instrument, suitable for intelligence or combat operations in all scenarios.

THE MAIN DISTINCTIVE FACTORS OF THIS MONOCULAR ARE:

- Lowest size and weight worldwide.
- Multifunction: hand-held, head and helmet easily mounted
binocular mode or monocular mode, submersible
- Human: Clear Starlight >200 m. / Full Moon >325 m.
- Vehicle: Clear Starlight >450 m. / Full Moon >850 m.

SCOPE OF DELIVERY

- 1 TCA BINO SET
- 1 TCA 24 UNIVERSAL DURABLE MOUNT
- 1 REAR POWER PACK
- 1 PLUG-IN WIRE
- 1 SET OF COUNTERWEIGHT
- 1 SOFT BAG AND SHOULDER STRAP
- 1 AA 1,5 V BATTERIES
- 2 ANTIFOG LENSES EYEPiece

- 2 OBJECTIVE SACRIFICIAL LENS
- 1 SAFETY LINE
- 2 EYECUP
- 2 OBJECTIVE COVER
- 1 CLEANING KIT
- 1 HARD TRANSPORT CASE
- USER AND MAINTENANCE MANUAL