

DISMOUNTED SOLDIER
EQUIPMENT

TIGRIS-IL

Clip-on Night Sight

TIGRIS-IR

Clip-on Thermal Sight

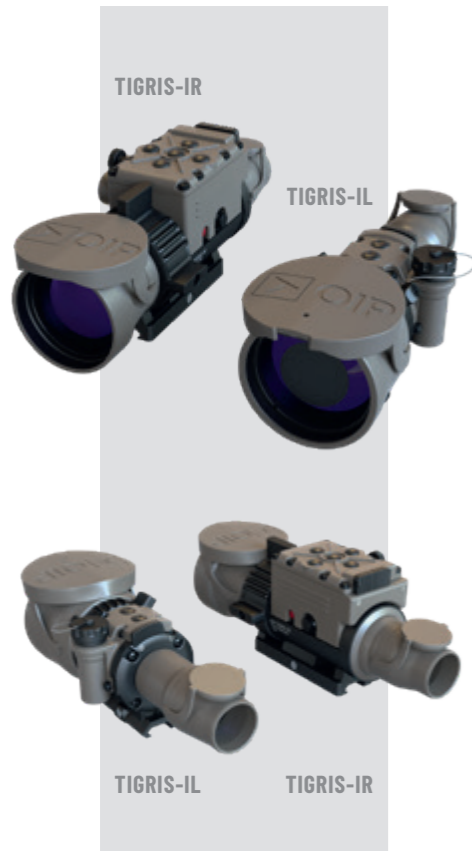
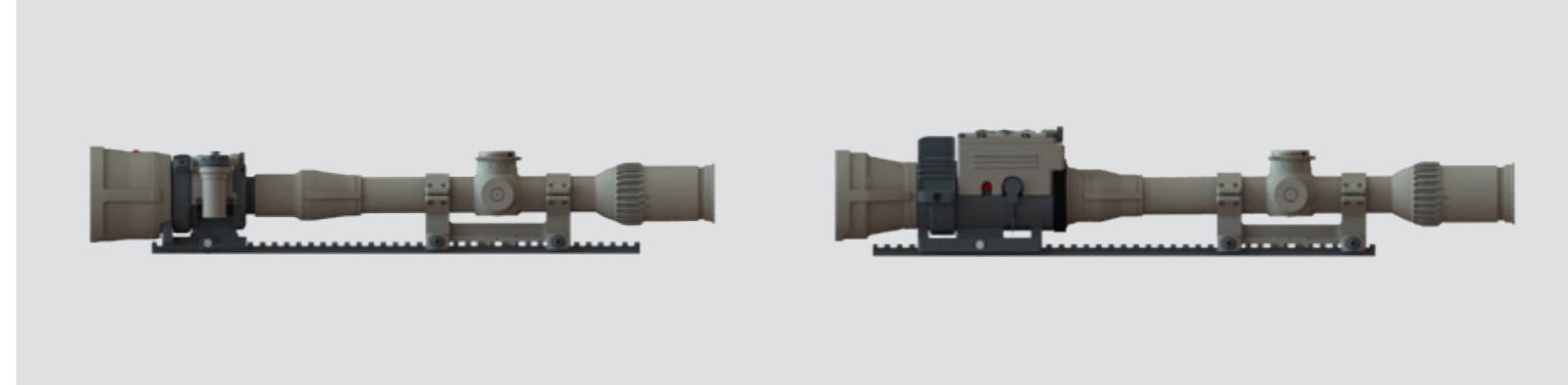
 OIP
Sensor Systems



TIGRIS-IL TIGRIS-IR

Clip-on Night Sight

Clip-on Thermal Sight



TIGRIS-IL

TIGRIS-IL is a compact, lightweight, high performance clip-on night sight for sniper rifles which allows the user to move from day to night operation without need of boresight realignment, for added combat value.

TIGRIS-IL is weapon-mounted by means of a convenient quick mount/release mechanism, without using any tools or adapters. The system fits various day sights with magnification up to 8x.

Mounting and dismounting **TIGRIS-IL** from the weapon is done in seconds, no readjustment or alignment needs to be done by the gunner.

TIGRIS-IL features manual gain control buttons to override the automatic gain control, is powered from a standard AA battery and can be powered from an external power supply. The system is fitted with a high resolution XR-5 or 4G image intensifier tube.

TIGRIS-IR

TIGRIS-IR is a compact, lightweight, high performance clip-on thermal sight for sniper rifles which allows the user to generate a thermal image of the target scene without need of boresight realignment, for added combat value.

TIGRIS-IR is weapon-mounted by means of a convenient quick mount/release mechanism, without using any tools or adapters. The system fits various day sights with magnification up to 8x.

Mounting and dismounting **TIGRIS-IR** from the weapon is done in seconds, no readjustment or alignment needs to be done by the gunner.

TIGRIS-IR features an uncooled 8-14 μ , 640x480 pixels, 17 μ m pitch detector, is powered from four standard AA batteries and can be powered from an external power supply.

Key features

- Accommodates various day sights
- High quality optics
- Versatile weapon mounting
- Excellent boresight stability
- Ruggedized

Technical Specifications

TIGRIS-IL

- Magnification : 1x
- Focus : 50 m to infinity
- FOV : 8.3° with 1x day sight
2.8° with 8x day sight

- Entry pupil : 64 mm
- Exit pupil : 24 mm
- Boresight deviation : ≤ 0.2 mrad
- Battery type/autonomy : 1x AA (24hr @ 20°C)

- Environmentals : MIL-STD-810G
- Dimensions : 90 x 90 x 220 mm
- Weight (excl. battery) : ≤ 850 gr

TIGRIS-IR

- Sensor type : LWIR 8-14 μ m
- Sensor resolution : 640 - 480 pixels
- Focus : 50 m to infinity
- FOV : 6.9° with 1x day sight
2.8° with 8x day sight

- Entrance pupil : 56 mm
- Exit pupil : 24 mm
- Boresight deviation : ≤ 0.2 mrad
- Battery type/autonomy : 4x AA (8 hr @ 20°C)

- Environmentals : MIL-STD-810G
- Dimensions : 105 x 90 x 250 mm
- Weight (excl. battery) : ≤ 1170 gr