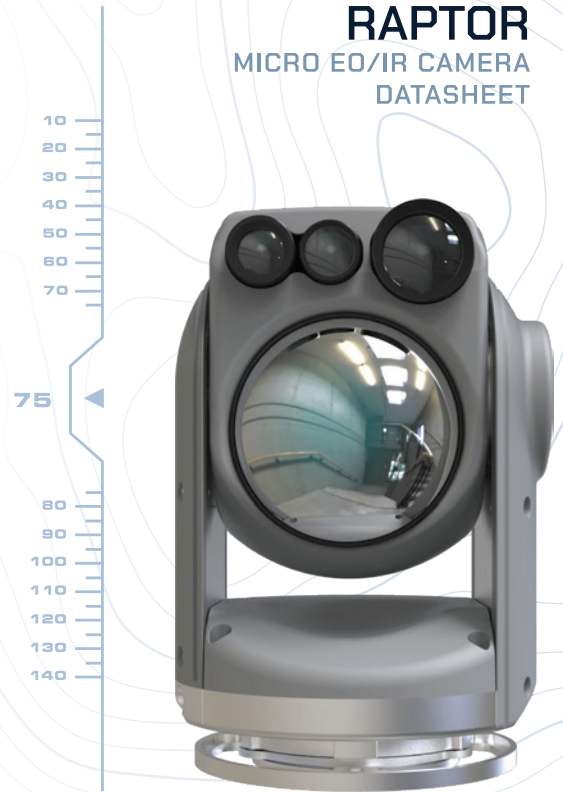# HEIGHT
T E C H N O L O G I E S

Field-proven stabilized camera for defense, security, and industrial applications.

The Raptor is part of a family of EO/IR sensors, leading in the field of micro-stabilized gimballed cameras. Constantly pushing new technological advancements, we offer a wide range of field-proven stabilized cameras and accessories seamlessly integrated on our Unmanned Aerial Systems.

About the Raptor EO/IR camera

The Raptor is a dual EO/IR stabilized camera built for long-range observation using high-res day & night vision, featuring an increased IR range and unparalleled X80 zoom.

The lightweight design combined with our modular UAS platforms enables long-endurance & long-range operations with AI software capabilities to enhance real-time intelligence. The Raptor offers advanced image quality to capture detailed imagery, such as license plates and faces, from distances up to 4 kilometer.
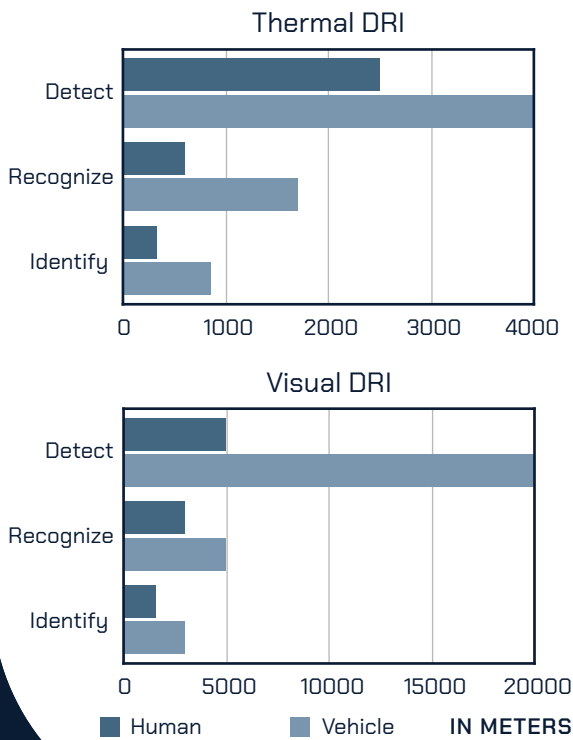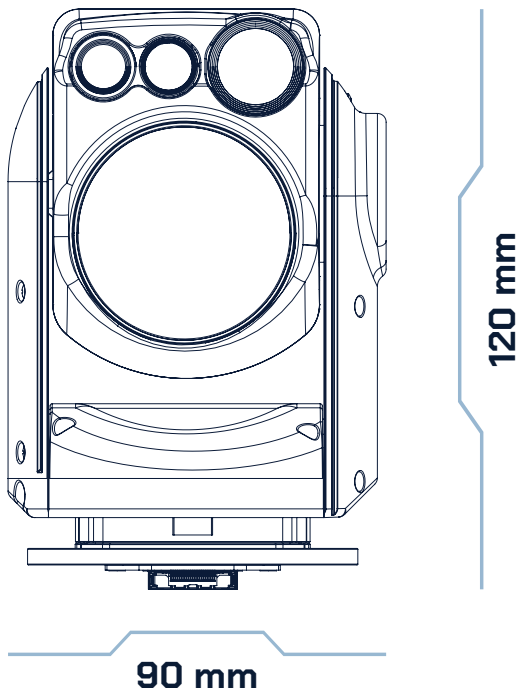
X80
STABILIZED ZOOM

HIGH-RES
DAY/NIGHT VISION

HEIGHT
TECHNOLOGIES

120 mm

90 mm

Thermal DRI

Visual DRI

■ Human ■ Vehicle **IN METERS**

Geometrical DRI according to Johnson's criteria

Visible Camera [EO]	CONFIGURATION 1
Visible	400-700 nm
Resolution:	1280x720
Continuous Zoom:	X80 [X40 optical + X2 digital]
HFOV:	60° WFOV | 1.5° NFOV | 0.75° DFOV
Visible Camera [EO]	CONFIGURATION 2
Visible	400-700 nm
Resolution:	1920x1080
Continuous Zoom:	X54 [X27 optical + X2 digital]
HFOV:	60° WFOV | 2.2° NFOV | 1.1° DFOV
Thermal Camera [IR]	
LWIR uncooled	8-14 µm
Resolution:	1280x720
Continuous Zoom:	X8 digital
HFOV:	17.5° W.FOV | 2.2° D.FOV
Field Of Regard	
Pan:	360°
Tilt:	-45° to +80°
Control Interface	RS-232
Video Interface	Micro-HDMI
Stabilization	< 50 µrad
Power Requirement	15-32 VDC
Power Consumption	10 Watt
Weight	640 grams
Temperature	-20°C [-4°F] to +55°C [+131°F]