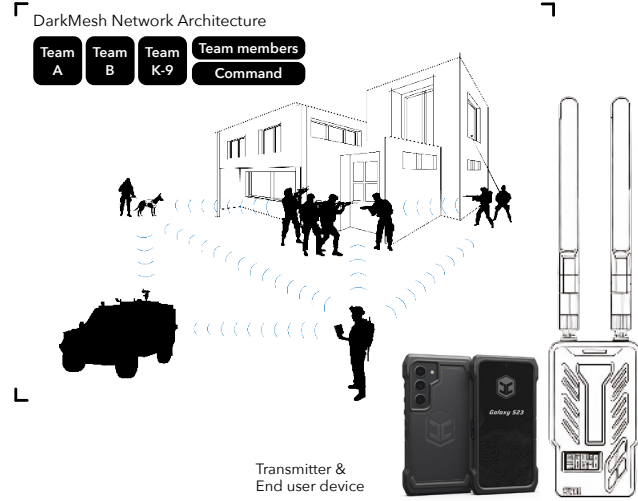


End User Device - Designed for modern warfare

Description

The end user device is based on a reputable equipment, in the form of a smartphone in a reinforced case with the addition of physical buttons on top of the touchscreen interface. This mobility allows you to carry the control station in your tactical kit, on your plate carrier vest, on your wrist or in your hands. Smartphone Android or IOS, Reinforced and waterproof, Juggernaut Case, Support on plate carrier vests or wrist.



Fixed HD Camera

Description

The Gimbal HD Camera is integrated into the Helmet and MOLLE Camera Options. 120 degree vision, 1080P Full HD CMOS camera. Manually adjustable tilt position.



Gimbal HD Camera

Description

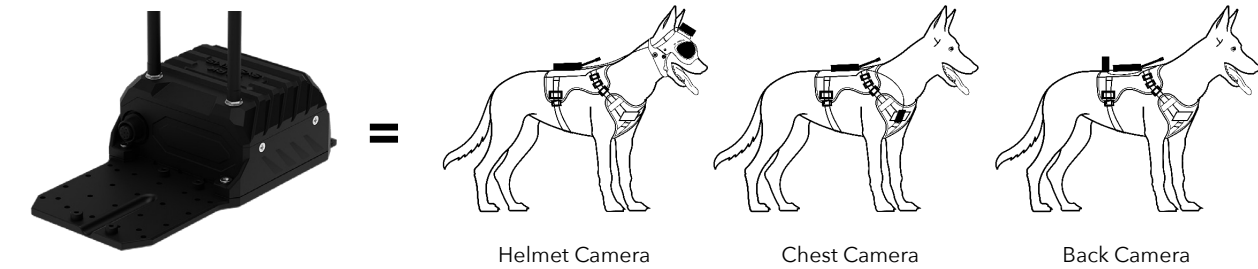
The Gimbal HD Camera is integrated into the Gimbal Camera Option. Ultra-wide angle 160 degree vision, 1080P Full HD CMOS camera. Gimballed stabilizing control algorithms, tilt motorized angle.



System Configuration - One system for various applications

Description

We have designed a universal and modular system that allows you to choose where you want to mount the camera for each mission. DarkMesh Max is an economical and compact digital solution, the main platform is able to welcome the fixed or the gimbal camera heads when you keep the possibility to install the camera onto the helmet. BTW the back-mounted version allows you to connect two camera heads simultaneously!



DarkMesh MAX K9 Camera System

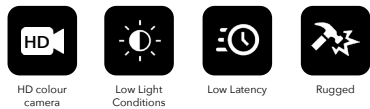
The DarkMesh system has been designed on a modular architecture, consisting of plug & play modules and adapters to expand applications and use cases. This universal solution allows the operator to swap Optonics modules in seconds.



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Revision A.01 (06/2025) ENG

DARK SYSTEMS™



Compatible with the following camera heads:



MOLLE Camera



Helmet Mounted Camera

COLLAR-MOUNTED

Description

The Collar-mounted version is a lightweight and low profile solution with a lithium-ion battery integrated, shockproof antennas and a modular connector. All the electronics is mounted onto our dedicated collar, the system is delivered ready-to-go. This version has to be privileged when using the camera on the top of the DarkFighter K9 Helmet in order to limit the cable length.

The DarkMesh Collar Mounted system can be connected with two camera heads:

- MOLLE camera (to be mounted onto the K9 vest, back mounted)
- Helmet camera (to be mounted onto the K9 helmet)

Physical	Electronic mounted on collar, 700g (1.54 lbs)
Interfaces	1x connector for Camera head
Autonomy	2 hours, mission/battery dependant
Environment	IP66 (designed in accordance with MIL-STD)
EUD	Smartphone (android privileged but not mandatory)
Encryption	128-bit AES hard data encryption

BACK-MOUNTED

Description

The Back-Mounted version is a plug&play and all-in-one solution with a lithium-ion battery integrated, shockproof antennas and two modular connectors. This module mounts to the K9's vest using molle and velcro attachments, installation time less than 10 seconds, plug&play. Delivered ready-to-go this system was designed following the success of our Gimbal K9 Camera. The DarkMesh Max back-mounted has to be privileged when the modularity is mandatory. The Collar Mounted system can be connected with three camera heads:

- MOLLE camera (to be mounted onto the front platform)
- Gimbal Camera (to be mounted onto the front platform)
- Helmet camera (to be mounted onto the K9 helmet by cable)

Dimensions	177 x 98 x 54 mm, 800g (1.65 lbs)
Interfaces	2x connectors for Camera head
Autonomy	2 hours, mission/battery dependant
Environment	IP66 (designed in accordance with MIL-STD)
EUD	Smartphone (android privileged but not mandatory)
Encryption	128-bit AES hard data encryption

Compatible with the following camera heads:



Helmet Mounted Camera



Fixed Camera



Gimbal Camera

