

Ukrainian wired optical receiver

Ukrainian engineers have developed a drone tethered to a fiber-optic cable that makes it virtually undetectable and impervious to EW attack on the battlefield.

In a significant leap forward for battlefield technology, Ukrainian company 3DTech has successfully codified its line of "Khyzhak REBOFF" fiber-optic unmanned aerial systems (UAS) with ...

Khajak REBOff is a Ukrainian FPV kamikaze drone with fiber optic cable for communication. Impossible to jam, it can also operate inside buildings and attack at low level.

The development of Ukrainian fiber-optic-controlled UAS began in 2023 in response to the demands of Ukrainian service members. During testing, the drones successfully navigated water ...

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Radio signals from standard remote-controlled drones can be interfered with but this one-use "wire" drone can evade enemy interference. ...

Russia took an unexpected step starting in early 2024, deploying hard-wired drones fitted with spools of optical fiber.

Radio signals from standard remote-controlled drones can be interfered with but this one-use "wire" drone can evade enemy interference. Ukraine has started using a drone that can evade ...

These drones are physically connected to the operator by a thin fiber-optic cable, which carries light signals instead of radio waves. Ukraine has taken a major step forward in drone warfare...

The Khyzhak (Predator) REBOFF is a fiber-optic drone made by the Ukrainian company 3DTech. Its name reflects its intended aggressive use on the battlefield, while the "REBOFF" prefix ...

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The Ukrainian military once believed drones that communicate with their operators via fibre-optic links would not be necessary on the battlefield. However, that perspective has shifted with ...

The Magyar Birds" system is the latest development in what has become a leap-frogging duel between



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Ukrainian and Russian FPV drones and countermeasures. As the FPV drones became ...

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