

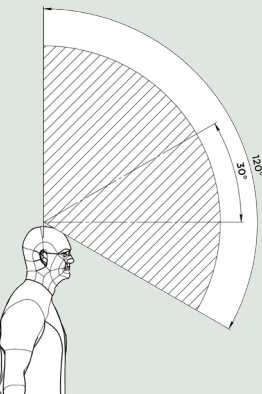


# D6™ Laser Detector

## Single Sensor with Optical Communications

The D6™ laser warning system enhances safety and survivability in today's battlefield environment by notifying its wearer of any commercial or military targeting laser emissions. A unique wide-band receiver (750 nm to 1700 nm) detects laser signals in a 120° cone and provides command feedback to its wearer. Laser warnings are integrated with ATAK/CIVTAK or other equipment via USB-C. False detections are minimized while maintaining an ultra-fast response time of less than 50 milliseconds. The D6™ system can be worn anywhere on the body; typically, on the chest or back or on top/side of a helmet. D6™ can also be used as a laser warning system as a part of ground robotics or vehicle platforms as well as bottom mounted on a UAV. The built-in optical communication capability allows D6™ be used as a remote receiver that can trigger variety of events depending on user needs.

|                                  |   |
|----------------------------------|---|
| <b>Detection Range</b>           | up to 1 km for commercial LRF<br>up to 2 km for military LRF<br>up to 10km with TPL DL1 |
| <b>Field of View</b>             | 120° Az and El  |
| <b>Frequency Range Detection</b> | 750 nm to 1700 nm   |
| <b>Detection Notification</b>    | USB C port  |
| <b>Power</b>                     | USB C port 5V   |
| <b>Size</b>                      | 64 x 42 x 16 mm   |
| <b>Weight</b>                    | 26 g  |
| <b>Mounting</b>                  | Multiple adapters and mounting screws   |
| <b>Communication</b>             | Receive only, optical communication, various formats up to 1GHz                         |



### BENEFITS AT A GLANCE

D6™ system is designed as a body-mounted aid to warn the user of a laser event alarms caused by:

- Laser rangefinder systems, both commercial and military
- UAV (drone) ranging or targeting equipment
- Handheld and rifle mounted NVG illuminators and pointers
- Variety of visible and invisible laser markers and designators used in the battlefield environment
- D6™ has receive only optical communication features with up to 1GHz speed

