

CYCLOPS-30



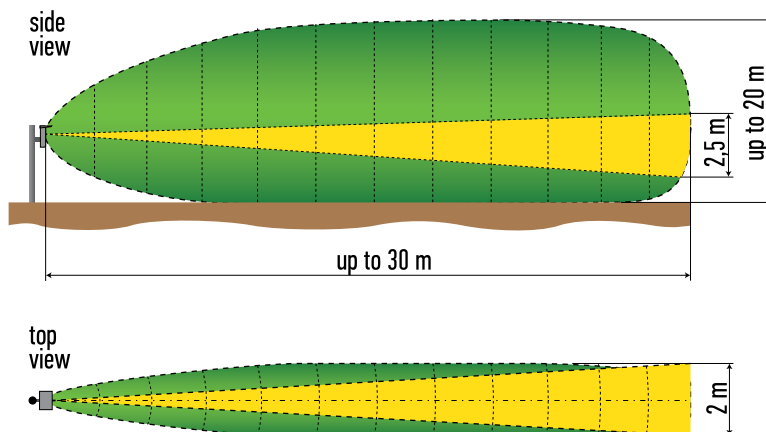
The principle of operation is based on the operation of two channels working on two different physical principles of detection: monostatic microwave and monostatic infrared.

We use the sensor ZEBRA-30 for microwave channel of CYCLOPS sensors. That is why all the advantages and features of ZEBRA are appropriate to CYCLOPS sensors, especially:

- using of special software via USB or RS-485 interfaces allows to configure correctly the sensor in-field as well as remotely from the guard room.
- the sensors detection zone is divided into sub zones, every sub zone can be configured separately, any sub zone can be disconnected to make secured passages for people or transport through gates.
- the sensors have 5 frequency letters allowing to install and operate them near each other.

Specifications	CYCLOPS-30
Operational frequency	24,15 GHz
Range	30 m
Width of the detection zone	2 m
Number of sub zones	12
Number of letters	5
Supply voltage	10...30 V
Current consumption	0,06 A
Detection probability	minimum 0,98
Operational temperature	-40...+65°C
Housing protection level	IP-55
Alarm output	relay contacts
Interfaces (MW channel)	RS-485, USB, Ethernet (upon request)
Dimensions	210x135x95 mm
Weight	1 kg

The sensors CYCLOPS-30 have a beam-shaped detection zone, that is why we recommend to use them for the protection of «frontiers».



■ - Microwave channel ■ - Infrared channel

Detection zone of the sensor CYCLOPS-30