



# BIKE HOTSPOT SYSTEM

SCHUTZSYSTEM FÜR RADFAHRER  
SYSTÈME DE DÉTECTION VÉLO

Sentinel™ Systems' award-winning Bike Hotspot helps reduce accidents involving commercial vehicles and cyclists. Bike Hotspot sensors are placed on the nearside of rigid vehicles, with audible warnings given to both the cyclist and the driver when riders get too close.

With 19,000 cyclists being killed or injured in road accidents every year in the UK, this system not only saves lives, but also prevents side damage to vehicles, reducing potential insurance claims and vehicle downtime. 20% of fatalities occur in collisions with HGVs, particularly when vehicles are turning left, but the Bike Hotspot detects and warns cyclists before accidents can happen.



- Reduces vehicle damage and potential vehicle downtime
- Reduces claims for personal injury and damage to property
- Optional alerters provide external warning messages to cyclists
- System only activates at speeds below 10 mph
- Optional night silent system automatically activated
- In-cab buzzer alerts driver of hazard
- Adjustable range for sensors
- Prevents personal injury to cyclists
- Available with monitor and camera options

### Languages Supported



### Options



### Specifications

#### Monitor

Screen Size:	7" TFT (16:9)
Pixels:	480 x 234
Brightness:	450cd/m <sup>2</sup>
System:	PAL/NTSC
Channels:	4 x video inputs 1 x video output
OSD Menu:	Contrast, Brightness, Colour, Reversing image time delay (0-10s), Mirror/ Normal, Image Rotation, Input Selection, Language

Voltage:	12-36V DC
Operating Temp:	-20°C to +70°C
Storage Temp:	-30°C to +80°C

#### Camera

Image Sensor:	1/4" CMOS Sensor
Pixels:	720 x 576 (PAL) / 720 x 480 (NTSC)
Horiz. Resolution:	520 TV lines
Lens:	F1.9mm/ F2.0
Viewing Angle:	170° (Super Wide Angle)
Video Output:	1.0Vp-p, 75Ω
Night Vision:	Enhanced Low Light Function

Shock Resistance:	10G
IP Rating:	IP68
Voltage:	6-16V DC (via monitor)

#### Sensor

Supply Voltage:	9-30V
Current Consump:	350mA max.
Range of Service Temps:	-30/+80°C
Ultrasound Freq:	40kHz



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