

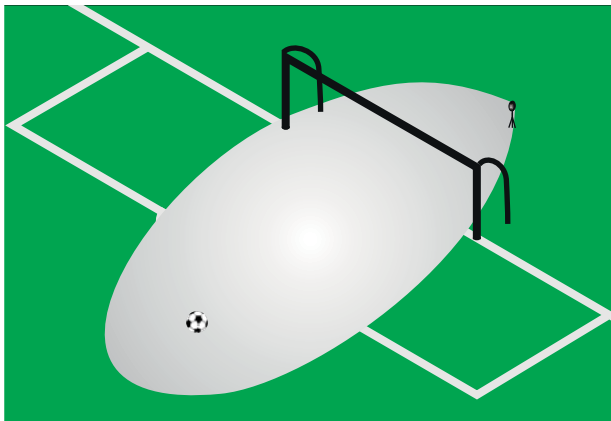
## Ballspeed

### Ball Speed Radar BS-R

- The Ballspeed BS-R is used to measure the speed of balls for different sports
- The Ballspeed BS-R measures the speed of moving objects up to 300 km/h (186 mph)
- Balls are picked up by the radar sensor also through goal nets
- The ballspeed is shown on an LED display board
- Compact and rugged system
- Fast and easy setup

#### Supported Sports

- Football (Soccer and American Football)
- Handball
- Ice Hockey
- Bandy



sketch of measuring range for soccer

#### Available Models:

##### Ballspeed BS-R150:

Radar sensor to measure the ball speed with additional LED display board to show the speed (3 figures, 15 cm figure height). The radar is fastened on a tripod, the display board on floor holders. The system needs mains (100 - 240 VAC) or an external 12 V battery.

##### Ballspeed BS-R250:

Radar sensor to measure the ball speed with additional LED display board to show the speed (3 figures, 25 cm figure height). The radar is fastened on a tripod, the display board on floor holders. The system needs mains (100 - 240 VAC) or an external 12 V battery.

#### Components of the System (depending on model):

##### Radar Sensor:

Radar sensor that gives accurate results over a wide measuring range.

<i>Radar Frequency:</i>	24.125 GHz
<i>Transmission Power:</i>	<5 mW
<i>Speed Measurement:</i>	10 to 300 km/h (6 mph to 186 mph)
<i>Measuring Angle:</i>	about 40°
<i>Accuracy:</i>	<100 km/h (< 62 mph): about +/- 2 km/h >100 km/h (> 62 mph): about 2%



##### Display Board D-LINE150-O-3-E0:

Display board with 3 red LED figures, figure height 15 cm (5.9 in), readable up to 70 m (230 feet), best readability even at direct sun light, aluminum case for outdoor use, to show the speed, including integrated power supply (100 - 240 VAC). The radar is connected at the display board with a cable. The radar sensor is supplied by the display board.



##### Display Board D-LINE250-O-3-E0:

Display board with 3 red LED figures, figure height 25 cm (9.8 in), readable up to 70 m (394 feet), best readability even at direct sun light, aluminum case for outdoor use, to show the speed, including integrated power supply (100 - 240 VAC). The radar is connected at the display board with a cable. The radar sensor is supplied by the display board.



##### Tripod TRI128:

to mount the radar sensor

##### Floor Holder FH:

to mount the display board