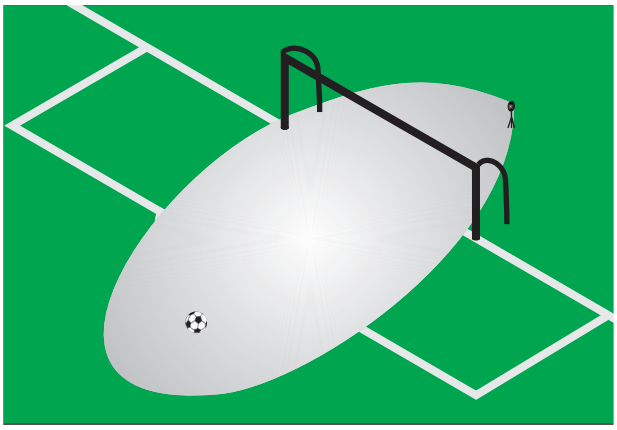
BALLSPORT

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 and tripod is fastened on tripods. 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 and display board is fastened on tripods. The system needs mains (100 - 240 VAC) or an external 12 V battery.

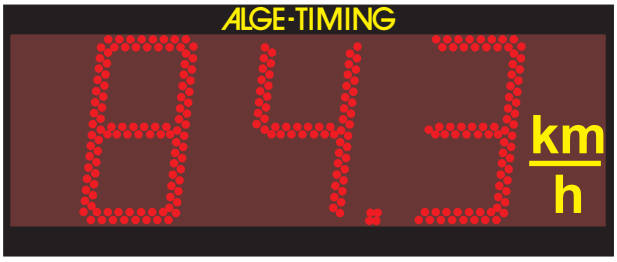
Components of the System (depending on model):

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

Radar Frequency:	24.125 GHz	
Transmission Power:	<5 mW	
Speed Measurement:	10 to 300 km/h (6 mph to 186 mph)	
Measuring Angle:	about 40°	
Accuracy:	<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 display board

Tripod TRI-S4:
with integrated head to mount the radar sensor

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