

# IPR20

Information panel to measure vehicle speed  
(Your Speed Sign)  
**Datasheet**



## Your Speed Sign

Your speed sign , or speed measuring panel is equipment which displays to passing driver his/her actual speed. **Knowing the local speed limit the driver mostly (70% of them) slows down towards to speed limit.**

**The equipment is possible to adjust by external IR commander :**

- Sensor sensitivity in 10 levels
- Limit for flashing of the display, if vehicle speed exceeds

**All the equipment is power supplied from street light line, working from internal accumulator during the day.**

## Technical specifications:

|    |                                     |  |
|----|-------------------------------------|--|
| 1  | <b>Dimensions:</b>                  | 640 x 500 x 110) mm<br>110mm dimension exceeds the back part of the device.  |
| 2  | <b>Weight:</b>                      | 21,5 kg, including battery   |
| 3  | <b>Display type:</b>                | LED display „88“, colour – amber yellow 590nm , 4300 mcd<br>Character height 320mm                                   |
| 4  | <b>Power supply:</b>                | 230VAC 75VA from night street light supply line , with internal<br>replacable battery 12V/20Ah                       |
| 5  | <b>Operating temperature range:</b> | -25 až +55 °C  |
| 6  | <b>Protection rating:</b>           | IP45   |
| 7  | <b>Minimal speed measurable:</b>    | 10 km/hr.  |
| 8  | <b>Maximal speed measurable:</b>    | 99 km/hr.  |
| 9  | <b>Accuracy in measurement:</b>     | +/-1 km/hr.  |
| 10 | <b>Radar sensitivity</b>            | 50 to 200m*) , adjustable in 10 levels, sensitivity effected by<br>measuring conditions ( interference, reflects...) |
| 11 | <b>Radar operating frequency:</b>   | 24,15GHz , based on GL-30/R/2000   |
| 12 | <b>Measuring principle:</b>         | Doppler , measurement of arriving vehicles only  |
| 13 | <b>Operating time with battery:</b> | 12-56 hrs. depending on traffic frequency, display brightness,<br>ambient temperature and battery capacity.          |
| 14 | <b>Installation method:</b>         | Φ 60,0mm pipe ring   |



