

IR Photocells

AIPC-033/ AIPC-003/ AIPC-333

Model	AIPC-033/ AIPC-003/ AIPC-333
Power Supply	12V- 24V DC
Range	15 meter (Max)
Frequency	1.92 KHz
Input	RX 15mA, Tx30mA
Reaction Time	10ms
Relay Output	1 A max 36V
Wave-Length	940 NM
Working Temperature	-20°C~55°C
Storage Temperature	-20°C~65°C
Working Humidity	10%~90%



A **photocell**, or **light-dependent resistor**, **LDR**, or **photo-conductive cell**) is a passive component that decreases resistance with respect to receiving luminosity (light) on the component's sensitive surface.

Uses

Photocells are used in automatic lights to activate whenever it gets dark, and the activation/deactivation of streetlights mainly depends on the day whether it is day or night.

- ✓ used to count the vehicles on the road.
- ✓ used to photovoltaic cells & variable resistors.
- ✓ used as switches as well as sensors
- ✓ used to burglar alarms to protect from a thief.
- ✓ used in robotics, wherever they direct robots to hide from view in the dark.
- ✓ used in exposure meters which can be used with a camera for knowing the correct time of exposure to get a good photo.

