

CG APPLICATIONS

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Application Note: July 20th, 2009

Market involved: Commercial - Bank

Product : UA18CLD06NOM1

Customer : ---

Subject : Detect vehicles in drive thru ATM

CUSTOMER ISSUE :

To detect vehicle in front of the drive thru ATM.

In order to save power, when there is no vehicle in front of the ATM, the ATM will be in sleeping mode reducing power consumption.

The ATM will be fully in operational when the sensor detects a vehicle in front.

In most drive thru ATM, photoelectric sensor is used.

Some customers complained that, due to outdoor environment, dirt will build up on the sensor's lens and false triggering occurred.

OUR SOLUTION:

By introducing ultrasonic sensor instead of photoelectric sensor into this application, there is no longer problem with dirt accumulation and false triggering.

The sensor comes with pig tail connection for easy mounting and also adjustable potentiometer for easy setpoint setting.

ACHIEVED BENEFITS:

- The sensor is maintenance free. Thus saving manpower.
- Pig tail connection eases the installation and replacement process.
- Reliable sensor with temperature compensation feature, short circuit, transient, and reverse polarity protection ensures smooth operation always.

