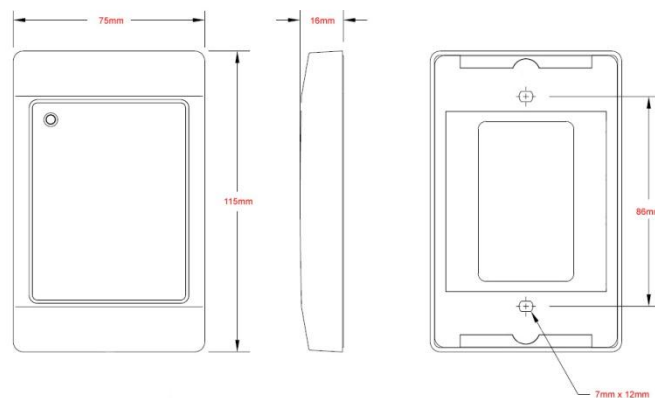# AST-EM Proximity Reader *(AST-R30)*

AST- EM Proximity Reader (wiegand) is a weather proof contactless proximity card reader. The reader adopts the widely recognized EM technology. It provides high reliability, fast response time and low power consumption for a wide range access control system. In build in bi-color LED and Buzzer to provide visible alert for users. The wiegand interface protocol interface compatible with all standard access control system.

General Features:

- Wiegand 26, 34 and 44 bits outputs are available
- Bi-color LED (Red, Green) Indicator
- Build-in buzzer
- Up to 100mm card read operation range
- Fast verification time < 0.2 sec.
- With CPU watch dog function to prevent malfunction

Specification:

Power Supply :	12VDC, 100mAmax
Read Range :	≥ 100 mm
Transmit Frequency :	125KHz
Compatible Card :	EM series Proximity Card
Operating Temperature :	0℃ to + 50℃
Control Format :	Wiegand 26bits
Dimension :	114 x 74 x 17 mm
Color :	Black or Gray White