



ACM125-BM *RFID tag read-write controller* is a high performance RFID scanner for use in commercial and industrial applications. This controller is used in a continuous read mode to identify RFID radiotags and cards, without contact or line of sight, at distances up to 8cm. ACM125-BM RFID controller provides read and write support for RFID tags or cards and smart labels including ISO transponders. This RFID controller comes with a built-in RS-232 (optional RS485 / USB / Ethernet) interface for easy connection to a PC host. A set of developer tools, device drivers and sample software VB libraries are available for quick, easy integration with OEM systems. A Red/Green LED and buzzer indicate acceptance and in-built relay is used as a timed switch. This read-write controller is used for retail, POS (point of sale), inventory management, ticketing, library, shop floor, shipping and receiving applications. Our products are cost-effective, small form factor, lightweight and durable. The length and width of ACM125-BM nearly matches that of a standard credit card. This RFID reader+writer hardware can be customized for specific uses as per the requirements.

Automate your routine tasks with the *ACM125-BM* RFID read-write controller.

Applications:

- UPC / EAN Bar Code substitution
- Logistics
- Transport
- Ticketing
- Time and Attendance Systems, Access Control
- Asset Tracking

Specifications:

Operating Frequency	125 KHz with Integrated Antenna
Power Supply Rating	Input 6-9VDC, 200mA max
RF Power Max	100 mW
Read Range	8 cm with credit card sized transponder
Antenna Impedance	10 ohm @ 125 KHz
Tag Compatibility	ISO radiotags read only or Read/Write types
Communication Interface	RS232C standard (optional RS485 / USB / Ethernet)
Host Data rate	Max.115200 N-8-1 (PC based online software control)
In-built Indications	Red/Green LED, Buzzer, Relay (120-240VAC/2A, N/O)
Dimensions / Color	90mm (L) x 56mm(W) x 25mm(H) ABS body / Black or White
Operating Temperature	-20°C to +50°C (including self-generated heat)
Storage Temperature	-40°C to +80°C