



**EXTENDED RANGE PROXIMITY &
BAR CODE TICKET DUAL
TECHNOLOGY ACCESS CONTROL
CARD READER Model VR-2010**



*Model VR-2010 "Proximity"
Card Access Control Reader
w/Built-In Bar Code Ticket Reader*

FEATURES:

- *Extended (36") Read Range*
- *Non-Contact "Proximity" Technology*
- *Low Voltage 12 to 24 VDC Power*
- *Low 350mA current draw*
- *Reads variety of "card" styles*
- *Interfaces to SysParc Model RI-2010 Reader Interface Controller Modules*
- *Dual Technology (Proximity & Bar Code) Independently Controlled Readers*
- *Specifically Designed for Valet Parking Operations*
- *Integrates "Monthly" and "Valet" operations within a single reader*
- *May be configured to act as "Entry Verifier" and/or "Exit Verifier" in Hotel Guest applications requiring full "IN & OUT" privileges.*
- *Integrates with "on-line" SysParc Central Management Computer (CMC) system.*
- *Pedestal or TD housing mounts available.*



- I. Purpose:
The **SysParc** Model VR-2010 Proximity Card Access Control Reader is a card access control device that provides user recognition and identification for ingress/egress of vehicular traffic. Upon a successful authorized presentation of a card at the reader(s), the gate is raised by a "vend" signal from the Reader Interface Panel via its Form "C" DPDT dry-contact relay. This "vend" signal causes the lift-arm barrier gate to activate (raise), and then lower automatically.
- II. Features & Functions:
- A. The Model VR-2010 Proximity Card Reader is designed to read a card within 1 second, and render a "Go" or "No Go" signal to the lift-arm barrier gate, or enable the attached Bar Code Ticket Reader.
 - B. The **SysParc** VR-2010 Proximity Card Access Control Reader is capable of reading a system authorized access card from as far away as 36 inches, and routinely from 24 inches.
 - C. The **SysParc** VR-2010 Proximity Card & Bar Code Ticket Access Control Reader is configured to operate in conjunction within a parking facility environment, and connect to ticket dispensers, lift-arm barrier gates, exit verifiers, fee computers, and automated pay stations.
 - D. The Model VR-2010 Proximity Card & Bar Code Ticket Access Control Reader is powered by a regulated 24VDC power system within the Model RI-1010 Reader Interface Panel that will accept input from 120VAC / 60Hz), and will contain optional battery back-up sufficient at a minimum to accomplish 100 cycles in the event of a power outage.
 - E. The **SysParc** VR-2010 Proximity Card Access Control Reader is designed to operate efficiently in ambient temperature between -40°F to 158°F (-40°C to 70°C).

- III. Physical Description:
- A. The **SysParc** Model VR-2010 Proximity Card Reader's overall dimensions are 14" high, by 12" wide, by 1.75" in depth. It weighs 22 ounces.
 - B. The Model VR-2010 Proximity Card & Bar Code Ticket Access Control Reader controller contains a microprocessor that includes a date/time clock calendar. This processor may be programmed with its operating parameters remotely from a P/C via available RS-232 communications connection.
 - C. The Proximity Card & Bar Code Ticket Access Control Reader housing is constructed of .090" heavy molded duty plastic, which is virtually impervious to environmental conditions.

