Master Keys: Full/Semi-Automatic

- Simplicity combined with reliability
- Easy installation & maintenance
- Cost effective
- Customization Availability
- Easy to use plug & play
- Prepaid Memberships and Postpaid Tickets
- Barrier Arms traffic control
- Park guidance system (Optional)

BARRIER ARMS FOR EACH LANE ENTRY OR EXIT

- Extensible aluminum boom from 3m to 6m
- Electromechanical 220Vac barrier motor
- Control board with slowdown in opening and closing
- Control board with auto obstacle detection function

LANE ENTRY UNIT (SK-DS1000)

- Lockable access doors on 2 sides
- Metal cabinet
- Push Button
- 2D thermal printer unit with cutter
- 160m paper roll, up to 2000 tickets
- Inductive metal detector.
- Electronic control board with TCP/IP communication

LANE EXIT UNIT (SK-DS1001)

- Lockable access doors on 2 sides
- Metal cabinet
- Omni-directional laser scanner for tickets
- Inductive metal detector.
- Electronic control board with TCP/IP communication

CASHIER SOFTWARE: (SK-DS1002)

- Complete PC
- Barcode scanner
- Voucher printer
- Customer screen display
- Software and Reports

MAIN SERVER

- Server: dual processor 12GB Ram, 1TB Hard
- 2x Socket TCP/IP communication.
- Software and Reports

SYSTEM OPERATION

1. Temporary guest (Daily usage)

In Lane Unit

- Car stop above the loop detector
- Push on the green PB for 2 sec
- Receive the Printer ticket with barcode and enter date time
- The barrier gate will open
- Cashier zone
- The guest will apply the ticket to cashier for checking
- Cashier scan the barcode on system to calculate the period and fees of parking
- Receive the payment from guest and print the receipt
- Out Lane Unit
- Car stop above the loop detector
- The scanner is on the green laser beam and wait to detect barcode
- Put the barcode ticket under scanner laser beam
- When the scanner detects the barcode, wait for 2 sec when the server checks the barcode if allowable to proceed or not
- If allowable the barrier gate will open

2. Permanent Visitors (Monthly and yearly usage)

- Use access card RFID
- Register the new RF card on the system to specific user and select the period of participation, to renewal after it.
- Put the RF card on the reader space allocated to it
- Wait for 2 sec when the server checks the card if allowable to proceed or not
- If allowable the barrier gate will open
- Every card allows the visitor to proceed on one way in enter and not allowable to enter again until exit firstly