



Quark Gen IT Solutions Pvt. Ltd

A close-up photograph of a golden, ornate mechanical component, possibly a part of a watch or a precision instrument. The component is highly detailed and reflective, with a blurred background that suggests a workshop or laboratory setting. The lighting is warm, highlighting the metallic texture and intricate details of the part.

Quark Security Control System

Features:

(Quark Security control System)

- Wireless Communication
- Reports Generation
- Real-Time Database Queries
- Complex Attendance Reporting
- Reader Options: Proximity
- Magnetic Door Locking System
- Provides Alerts Messages
- Internal E-mailing facility
- Multi-Campus or Single-Campus Deployment
- One touch reader
- Provides fast while reading cards response card reader



Modes of Operation

▸ Verification

Verifies Employee's through unique codes embedded in RFID cards. Presenting/Placing a card in front of reader verify's identity.

▸ Identification

Identifies authorized person by RFID characteristics only

▸ Attendance

Automatically tracks the attendance of Employees and tracks the in and out time.



Programming

With Quark Security Control System, you have a choice of systems:

Working Offline

There is no need of immediate communication with PC during reporting. All controls and checks are done independently by the terminal.

Quark Security Control System can be programmed to:

- Operate differently according to the day of the week
- Provides single-step/ multi-step or conditional reporting
- Validate data
- Display the information from the internal database

Working Online (Working with Server)

- Interactive system with external database
- Automatic Data Transfer



General Features

- Introduces HRM (Human Resource Management)
- Policies in the Organization, which includes :**
 - Payroll Management
 - Leave Management System
 - Employee Details
- Display Time in several formats (US, European, Military AM/PM)
- High Security with Magnetic Door Locking System

Technical Characteristics

Includes:

- RFID Proximity Reader (Contactless at 125 KHz)
- RFID Access Cards (Contactless at 125 KHz)
- Magnetic Door Locking System
- Optional Readers
- Barcode
- Finger Recognition
- Mifare (13.56 Mhz) Read and R/W
- Smart Card



Interfacing

- RS-232 for Host Connection
- Optional:
 - ▶ Wireless Wi-Fi 802.11 b
 - ▶ Bluetooth class II

Fingerprint Sensor Options

Optical Sensor

- Has an extremely durable and scratch resistant surface
- Can recognize virtually everyone's fingerprint quickly and reliably
- Has a solid sensor surface

Capacity Sensor

- Has relatively hard coated surface as a solid state sensor



Physical Characteristics

- **Operating Temperature:** -20 to 60 degrees C
- **Humidity:** up to 95% RH
- **Power Requirements:** Operating Power 110/230 Vac@100 mA

Benefits in using Quark Security Control System

- Easy to use, Flexible and can be customized easily
- Restricts entry of Unauthorised Officials
- Gives Better Return on Investment (ROI's)
- Provides Security as well as records attendance and tracks employees
- Can be integrated with any Technology like Barcodes, Biometrics, etc.
- 24/7 monitoring of Employees and Access Control
- RFID Card lost or stolen can be blocked easily



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