



MCP-040

Four Door Controller with Integrated Alarm



Manufactured by **UnionCommunity** (South Korea) the **ViRDI** range are high-end Access Control, T&A and Meal Management systems.

Utilising patented technologies **ViRDI** is one of the most popular and secure Biometric Terminals available in the world.

- * **Worlds Highest Ranked Extraction & Matching**
- * **Patented Live & Fake Fingerprint Detection**
- * **Patented Fingerprint Sensors**
- * **Patented Communication Protocol**

The MCP-040 is a natural progression into Access Control building on the success of **ViRDI's** Biometric Terminals

- Four Door Controller
- Manages 8 VirDI Biometric or RFID Devices and 4 Electric Locks
- 8 Zone Integrated Alarm System
- 1 024 Schedules
- 51 200 Event Log
- 50 000 RFID / Smart Card Users
- Secure RS-485 Transmission Protocol
- 4 Wiegand IN Port
- 8 Programmable Output
- 12VDC
- 13 ~ 15VDC , +/- 5A Output



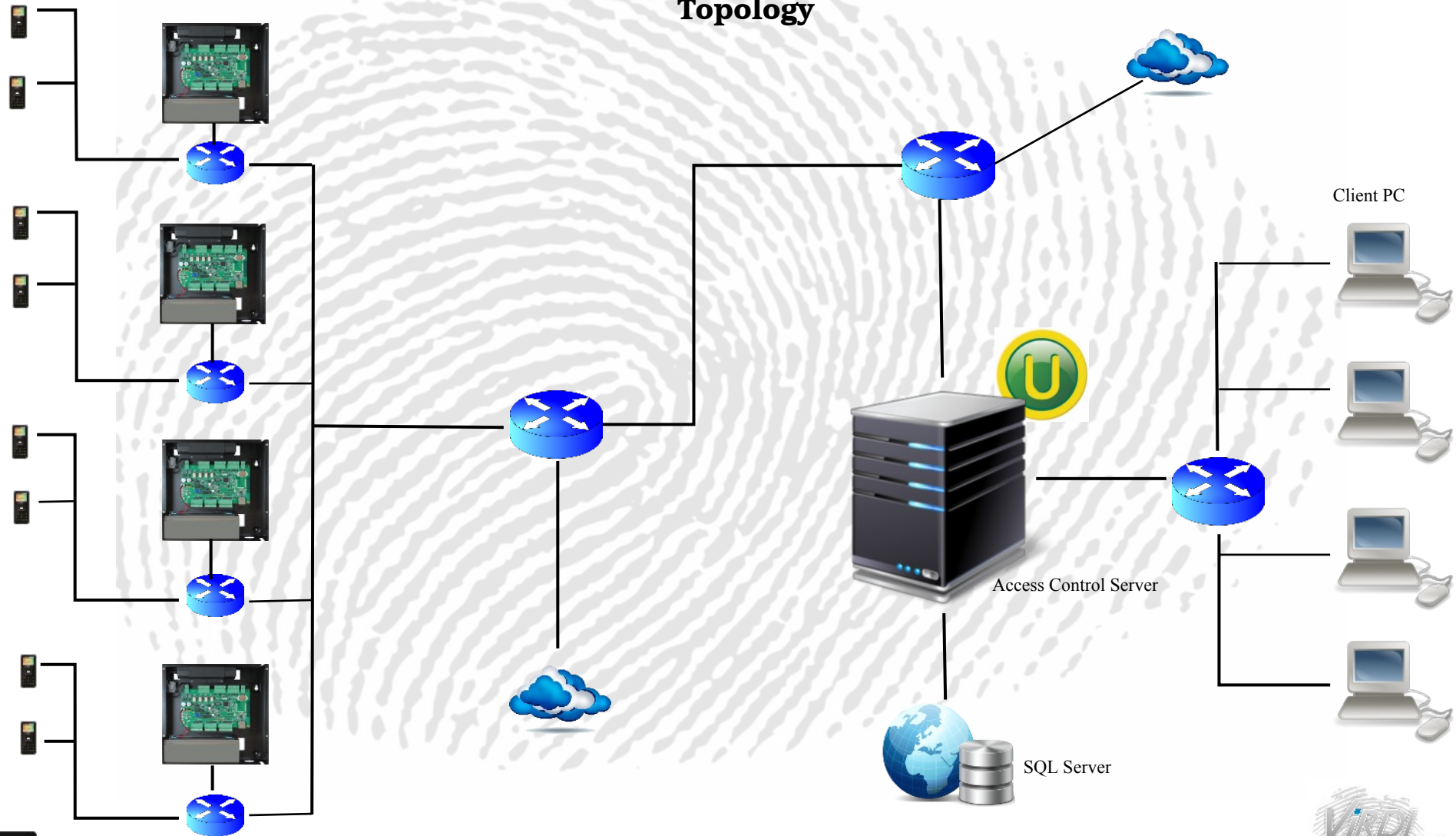
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Technical Specification

Feature	Description
CPU	32bit RISC ARM Cortex-M3 Core
Memory	128K SRAM / 8 MByte Serial Flash
RTC	RTC Support (Liithium Battery)
Schedules	1 024
Event Log	51 200
RFID Users	50 000
Network	10/100 TCP/IP auto sensing.
IP Addressing	Static / DHCP
RS-485	Secure Rolling Code Transmission 2 x Port
RS-485 Addressing	Unit ID per Terminal
Wiegand IN	4 x Port 26bit, 34bit, Custom
RS-232	1 x Port for debug
Lock Interface	4 Lock, 4 Request to Exit Input Port
Lock Output	12VDC Max 750mA each
Alarm Input	4 x Port Zone Doubling (8 Zone) EOL Resistance
Alarm Arm / Disarm	AC2100x Series, AC5000 Series. Per Area. Auto Arm, Force Arm
Bell Interface	Monitored Siren / Bell Output
Programmable Outputs	8 Programmable Outputs NO/NC dry contact
Status Display	Status LED
Power Supply	13~15VDC 5A +/- 10%
Battery Backup	12V 7A/h (not included)
Operating Temperature	-20 ~ 60C Max 90% RH
Management/Reporting	UNIS v3.1.1 and later
Biometric Terminals / Readers	AC2100 AC2100H AC5000 AC-R20D

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Topology



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