VC2
Vantage Point Controller

Self configuring reader port for common wiegand formats

Full LED control

Powerful 32 bit Micro Processor

LED Diagnostics

Dedicated inputs for: fire, tamper, battery and AC fail

RS485 port for input and ouput expansions

On-board TCP/IP adapter and a embedded web in interface

RTX and DC Inputs

Form-C 10 amp relay output
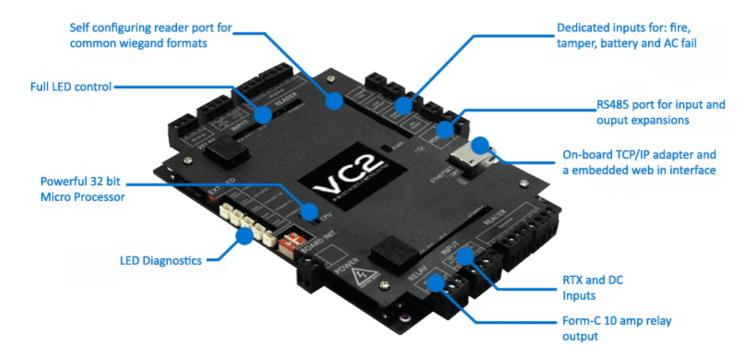
The Vantage Controller is a powerful Ethernet ready four reader controller that provides advanced and easy solutions for any size of application This controller works with our Vantage Point Software.

The controller features a 32-bit ARM9 processer 100MB Ethernet communication and which provides a through-put 8 times higher than serial-to Ethernet converters.

The Vantage controller features an embedded web interface which can be used for configuration/diagnostic and card enrolment.

It also provides 8x4 state inputs and 4x2 state inputs which can be used for fire alarm input and power supply failure.

With an installer friendly design the VC easily adapts to your existing IT infrastructure therefore reducing your installation and support cost.

The VC2 controller can be used for 1 door Read IN and OUT or 2 doors using exit buttons.

Key Features

- On-board Ethernet communication
- Embedded web interface support through web browser
- Adapted multiple packet Tx/Rx protocol for fast two-way data transmission
- Four-state supervised inputs (Open loop/Shorted loop/Grounded loop/Line fault)
- Extra input ports for Power Fail & Fire
- User defined reader format supported
- Global, Timed and Soft Anti-pass back supported
- 256 time schedules
- 50,000 transaction buffer
- 100,000 cardholders
- Global input/output linkage function
- Global and S/W arm/disarm command
- Auto converting function of reverse DC input
- Lithium battery for RTC backup
- LED display of its operation status
- Electric noise protection circuit
- PCB protection cover
- Removable terminal blocks

VC2

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⚙ Technical Specification

Controller Specification

CPU	32bit ARM9 Processor
Memory	64 RAM, 32M FLASH
Number of Doors	2
Number of Readers	2
Outputs	2
Inputs	8
Event History	50,000
Card Holders	100,000

Physical

VC2-PCB	180*130*25mm
VC2 B3	242*158*25mm

Environmental

Operating Temperature	0~75

Electrical

Power Supply	12vDC
Input Current (TCP/IP)	MAX 1A/12V

ⓘ Part Numbers

VC2 B3 — VantagePoint Smart IP Controller, 2 readers (2 doors) 8 inputs, 2 outputs with 5 amp power supply in Metal Box

Ⓐ Typical Applications

- Small to Medium Access Control Solutions
- Education Facilities
- Commercial Solutions