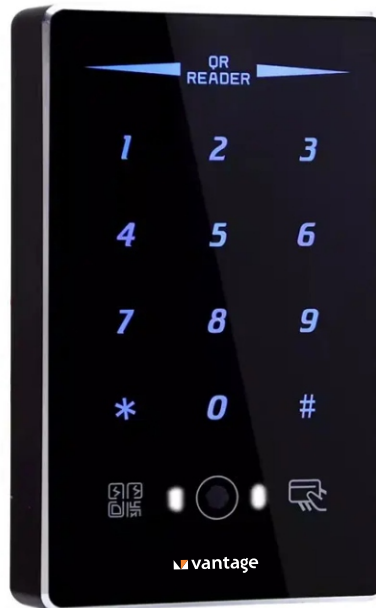


# ACCESS & TIME MANAGEMENT SYSTEM

## VV-RF120QR-KCAT5

QR CODE SCANNER+RFID CARD+KEYPAD BASED WIEGAND READER



### FEATURES

Supports QR code (1D & 2D), IC card, and password keypad input for flexible access control options

Durable aluminum alloy metal housing with a 9H tempered glass panel for high scratch resistance and a sleek, modern finish

Wide-angle scan field with high-speed recognition and high accuracy, compatible with mobile screen QR codes, printed QR codes, and metal QR codes

Supports both Wiegand and RS-485 communication protocols, ensuring compatibility with any third party access control controllers

Smart LED indicators show real-time status: red for power on, green for successful card/QR/password read



Vandal  
Resistant



QR Code

EM

Card



Access  
Control



Touch  
Keypad

## TECHNICAL SPECIFICATIONS

# VV-RF120QR-KCAT5

Authentication Mode	QR code (1D & 2D), IC card, and password keypad
Card Reader	Supports EM 125KHz / Mifare 13.56MHz
Keypad	Touch Keypad
Read Range (QR code)	5-15cm
Reading Speed	<200ms
Card Reading Range	2-5cm
Indicator Light	Status light green power light
Ambient Light	Direct sunlight at noon, micro light source at night
Communication Method	26/34 bit /RS232/RS485
Scanning Angle	72°(horizontal), 54°(vertical), 84°(diagonal)
Reading Angle	Rotation angle 360°, elevation angle $\pm 55^\circ$ , deflection angle $\pm 55^\circ$
QR Code Support Range	Wiegand 26 bit support range (0 255), (1 65535); Wiegand 34 bit support range 1 4294967295; RS485, RS232 support range is 500 characters
Input Power	DC12V 500mA (support wide voltage 5~16V)
Working Temperature	-20°C ~ 60°C
Working Humidity	5% to 95% (non-condensing)
Material	Metal frame, tempered glass panel
Dimensions	120mm(L)x72mm(W)x18mm(H)
Weight	300g
Certification	CE,FCC,RoHS

\*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

## VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton

West Midlands, WV6 0JZ United Kingdom

Ph:+44-1902-793383, Email: sales@vantagesecurity.com

[www.vantagesecurity.com](http://www.vantagesecurity.com)

(AN ISO 9001 : 2008, ISO 14001 : 2004 CERTIFIED COMPANY)

