

QR and card access control device

UBio-X QScan



QR
Multi -Code



Multiple
authentication
ways



Easy
Integration

UBio Your Bio All the Way

Product Features



FAST QR & BARCODE READING

- Reads QR Code, Data Matrix, PDF417, Code 39, and other 1D/2D code formats
- Supports mobile and printed credentials for visitor passes, mobile IDs, and temporary access



EASY SYSTEM INTEGRATION

- Supports TCP/IP, Wiegand In/Out, RS485, and RS232 for flexible deployment
- Works with existing access control systems and RF card infrastructure including Felica, EM, Mifare, and iClass



CLEAR ON-SCREEN GUIDANCE

- 2.8-inch color LCD displays authentication results and user instructions at the reader



MOBILE QR ACCESS, SIMPLIFIED

- Supports one-time QR credentials, reservation-based access, and automated permission control
- Enables access without issuing physical cards, making visitor and temporary access easier to manage



LOW POWER, RELIABLE

- QR module operates at approximately 68 mA for efficient daily operation
- 3000K white LED reduces glare and improves close-range code reading



MULTI-CREDENTIAL ACCESS

- Supports QR, RF card, and PIN authentication in a single compact reader

Product Specification

Category	Item	Specification
Capacity	Card/QR 1:N	20,000
	Logs	64,000
Hardware	CPU	ARM Cortex-A5, 536MHz
	RAM & ROM	32MB Nor Flash / 128MB Nand Flash / 128 DDR
	Display	2.8" Color LCD
	Interface	TCP/IP, Wiegand In/Out, RS485, RS232
	Relay / Monitor	2 Lock, 4 Monitor
	Dimension	88 × 175 × 43.5 mm
Card	RF Option	Felica 13.56MHz ISO14443 A/B Option: HID EM/iClass
Power	Adapter	12- 24V VDC
Temperature		-20~55°C



QR Specification

Item	Reading Distance
QR Coe (15mil)	20mm ~ 60mm
Data Matrix (10mil)	20mm ~ 45mm
PDF471 (6.7mil)	20mm ~ 45mm
Code 39 (5mil)	20mm ~ 60mm