



友聯商業機械有限公司™  
Union Business Machines Co., Ltd.

# NIDEKA®

## NU-1000

### Fingerprint Access Control Terminal with Camera



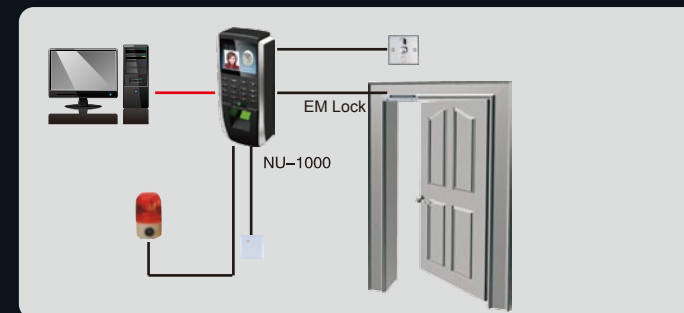
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### Specifications:

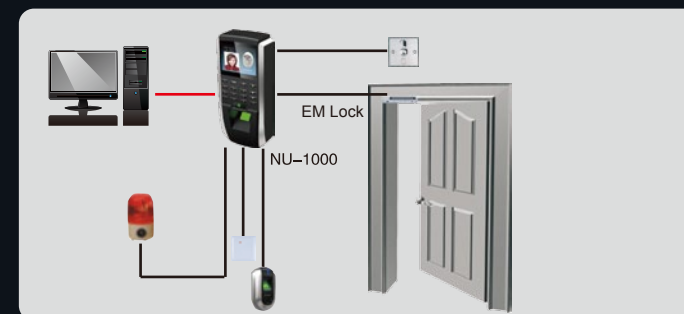
Hardware Functions	CPU	32bit	
	Reader	Optical Fingerprint Reader, Dual Fingerprint Reader (Optional)	
	Smart Sensor	Yes (Optional)	
	Proximity Card	EM, MIFARE Card (Optional)	
	Display	2.8" TFT True Color LCD	
	LED Indicator	2 Colors with Red & Green	
	Keyboard	16 Keys (with backlight), 1 Door Bell Button	
	Interface	Power Port	Power Port (9V - 12V; GND)
		TCP/IP, RS485, Wi-Fi	(Optional)
		Wiegand	26/34 bits with 1 In & 1 Out
		Door Relay Output	(COM; NO; NC)
		Duress Alarm Output	(COM; NO; NC)
		Door Bell Button Input	(PUSH; GND)
		Door Lock On/Off Input	
		Door Bell Output	
		Anti Pass Back Port	(TXD, TXD, GND)
		Camera	Yes (Real Time Photo Taking)
	TF Card (Micro-SD)	Yes (Photo Storage)	
	USB Disk	Yes (Optional)	
	Additional Feature	Reset Button	
Notification	Voice		
Real Time Clock	Yes		
Power	Power (DC 9V/12V)		
Temperature	-10°C - +60°C		
Humidity	20% - 80%		
Operation	One-way, Two-way, Multi Door / Network		
Software Functions	Registration Capacity	Normal: 1000 FP / 1000 Cards / 1000 Passwords Advanced: 2000 FP / 2000 Cards / 2000 Passwords	
	Authentication Methods	Fingerprint, EM Card, Password, Dual Fingerprint, Group Combination Authentication	
	Languages	English / Traditional Chinese / Simplified Chinese / Others (Optional)	
	Access Control	Able to control single door access through Wiegand, 50 time periods, time setting authentication, Anti Pass Back, sending attendance records by real time to Server or PC, support Dual Fingerprint or Group Combination Authentication	
	Multi Door Access	5 Door Access Control ( 1 Door controlled by a Fingerprint Machine, 4 Doors controlled by 4 Fingerprint Readers connected by Fingerprint Machine through RS485)	
	Alarm	Force Removal Alarm, Duress Alarm, Force Door Open Alarm, Overtime Alarm	
	Memory Capacity	Normal: 100,000 FP Advanced: 200,000 FP	
Auto Self-check	Yes		
Verification	Algorithm	Smack Finger v3.0	
	FAR/FRR	0.00001% / 0.1%	
	FP Verification Speed	≤ 1.0s (with 2000 FP registration)	
	FP Verification Angle	0° - 360°	
	Smart FP Update	Yes	
	FP Verification Mode	1:N, 1:1, Dual Fingerprint or Group Combination Authentication	

### Access Control Applications Modes:

#### One-way



#### Two-way



#### Multi Door / Network

