



YLI ELECTRONIC

Face and Card Access Control

Model: YK-1368



INTRODUCTION

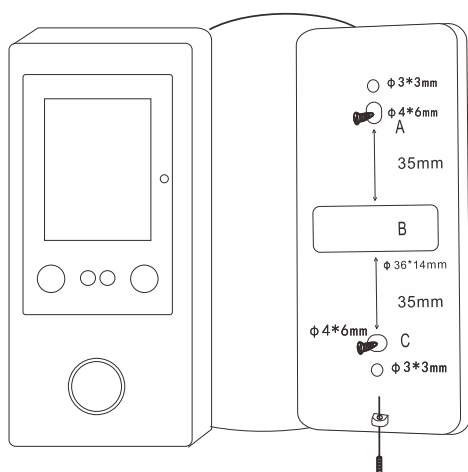
YK-1368 is a metal case standalone face access control with card reader. the user capacity is 3000, can support maximum 1000 face users, 2000 card users (including 10 administrators).

SPECIFICATIONS

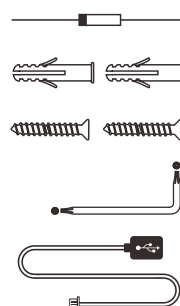
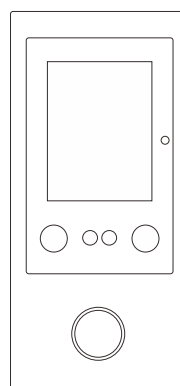
- Dimensions: L145×W68×D25(mm)
- User Capacity: 3,000 Face: 1,000; Card: 2,000
- Log Capacity: 200,000
- Operating Voltage: 12V DC
- Idle Current: ≤140mA
- Active Current: ≤230mA
- Display: 2.4 TFT Color screen LCD
- Camera: Dual Hd cameras
- Infrared Light: Dual IR
- Identification Speed: <0.6s
- Identification Way: Face/Card, Card Face, Face Card
- Face FAR: <0.001%
- Face FRR: <1%
- Face Range: 1cm
- Proximity Card Reader: EM
- Radio Technology: 125KHz
- Read Range: 1cm
- Wiring Connections: Relay Output, Exit Button, DOTL, Alarm Wiegand Input, Wiegand Output
- Wiegand Interface: Wiegand 26 or 34 bits Input Output (default: 26bits)
- Communication: U disk(Only support FAT 32/16 format)
- Environment: Indoor
- Operating Temperature: -20°C-50°C(4°F~122°F)
- Operating Humidity: 20%RH-80%RH
- Physical: Zinc-Alloy Enclosure
- Surface finish: Powder coat
- Weight: 0.45kg

CARTON INVENTORY

INSTALLATION



- >Remove the back cover from the unit
- >Drill 2 holes (A, C) on the wall for the screws and one hole for the cable
- >Knock the supplied rubber bungs to the screw holes(A, C)
- >Fix the back cover firmly on the wall with 4 flat head screws
- >Thread the cable through the cable hole(B)
- >Attach the unit to the back cover



Diode IN4004 (For relay circuit protection)

Wall Anchors

Self Tapping Screws: $\Phi 4 \times 25$ mm

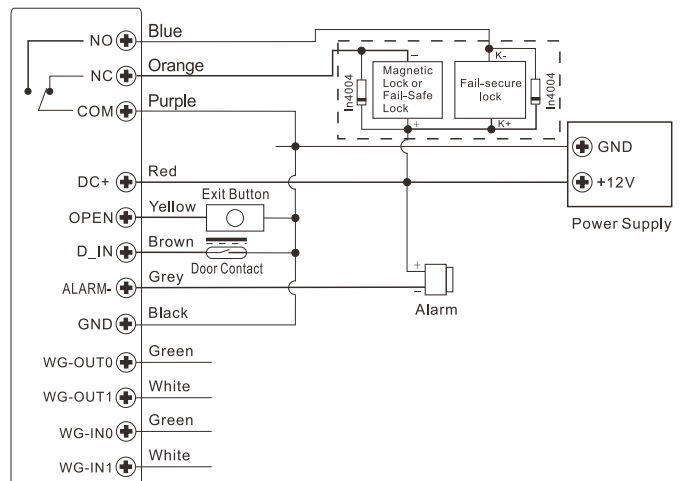
Screw Driver

USB Cable

WIRING

Wire Color	Function	Notes
Basic Stand Alone Wiring		
Red	12V DC	12V DC Regulated Power Input
Black	GND	Ground
Blue	Relay NO	Normally Open Relay Output (install diode provided)
Purple	Relay Common	Common Connection for Relay Output
Orange	Relay NC	Normally Closed Relay Output (Install diode provided)
Yellow	OPEN	Request to Exit(REX) Input
Wiegand Input & Output Wiring		
Green	Data 0	Wiegand Input Data 0
White	Data 1	Wiegand Input Data 1
Green	Data 0	Wiegand Output Data 0
White	Data 1	Wiegand Output Data 1
Alarm & Contact Wiring		
Grey	Alarm Output	Negative contact for Alarm
Brown	Contact Input	Door/Gate Contact Input (Normally Closed)

CONNECTION DIAGRAM



MENU OPERATION

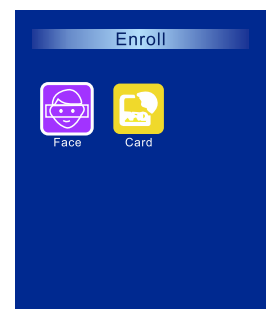
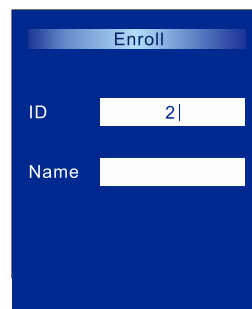
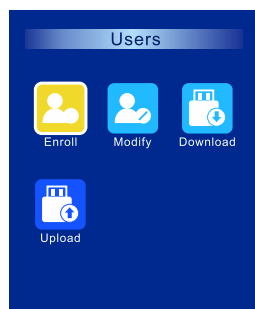
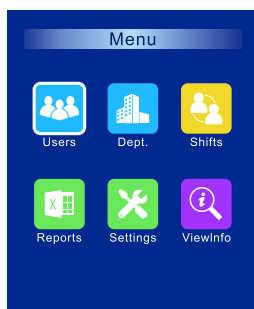
The device equips with an infrared remote control, all the menu operations are done by this remote control.

1. User Management

Press “M” on the remote control to enter menu, and select “Users”

1.1 Enroll

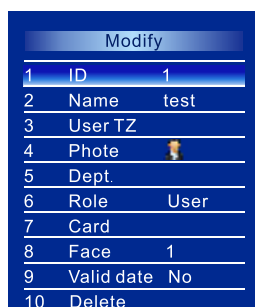
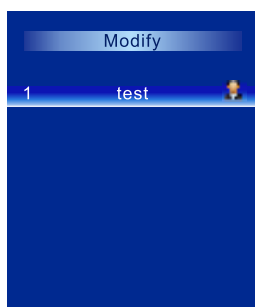
Select “Enroll”, input the ID number and Name, then select “Face” or “Card” to register new users



1.2 Modify

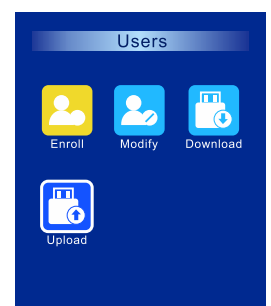
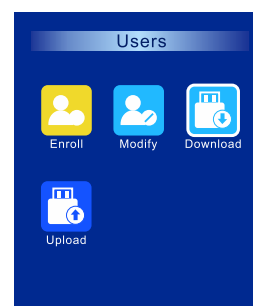
Select “Modify” to modify user information, including Name, User Time Zone, Photo, Department, Role (User or Admin), Card, Face (After enroll new face, the Photo will be changed accordingly), Valid Date and Delete.

Remark: the ID number can't be modified.



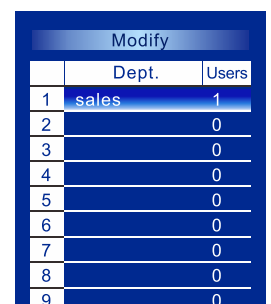
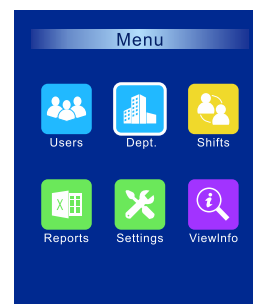
1.3 Download / Upload

Select “Download” or “Upload” to download or upload user information with U-disk



2. Department Management

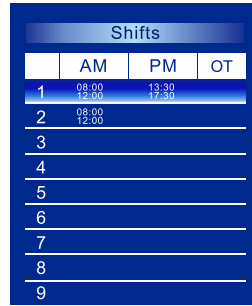
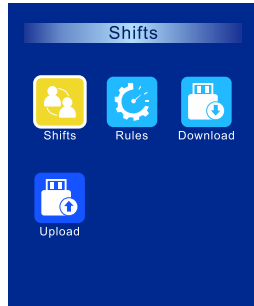
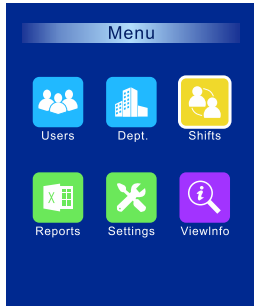
Select “Dept.” and set the department name, total can set 16 departments. Here it can show how many users under each department.



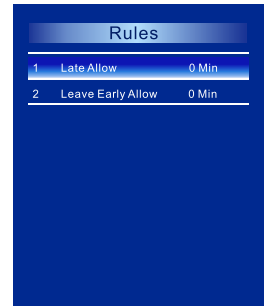
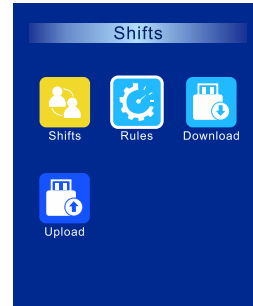
3. Shift Management

3.1 Set Shift

Can set 24 shifts totally

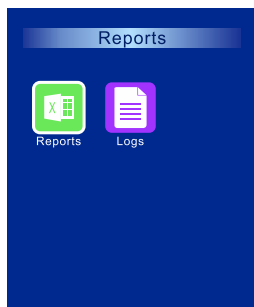
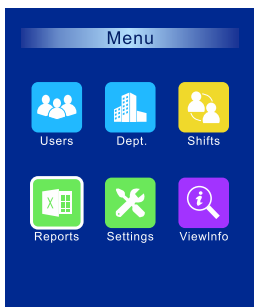


3.2 Rules



4. Download Reports

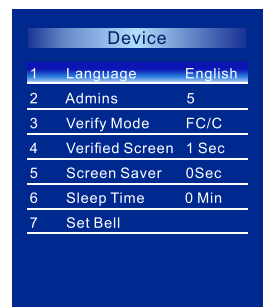
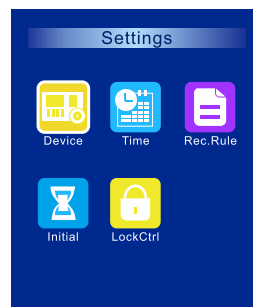
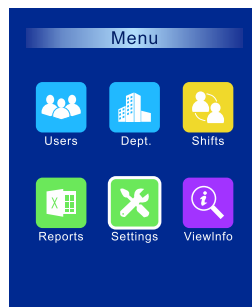
Select "Reports" to download Reports or Logs with U-disk



5. Settings

5.1 Device

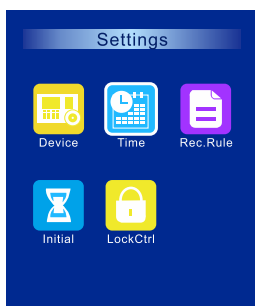
Select "Settings", then select "Device"



Language	English, Spanish, Chinese
Admins	0~10 optional
Verify Mode	Face/Card, Card+Face, Face only, Card only
Verified Screen	The time that back to the menu after verification
Screen Saver	When the device's standby time exceeds the time set here, then the device goes to Screen Saver
Sleep Time	When the device's screen saver time exceeds the time set here, then the device goes to Sleep mode, press any button on remote control can wake up the device
Set Bell	To set the time for bell ringing, up to 24 groups bell time can be set, and for each bell, can set 1~60 times.

5.2 Time

Select "Settings", then select "time" to set the time and date of the device.



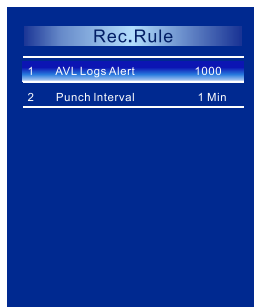
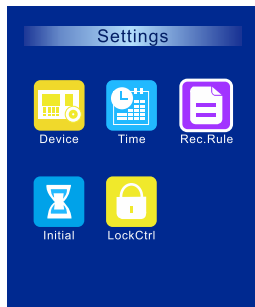
Reset Default	Reset the device to factory default (The user information and records are still retained)
Delete All Logs	Need input PIN code 8282
Delete All Users	Need input PIN code 8282 (Use with caution)
Delete All Manager	Need input PIN code 8282 (After deleting, the manager will become user)
Delete All Data	This will delete all the logs and user information, need input PIN code 8282 (Use with caution)
Upgrade From USB	This is to upgrade the firmware, copy the firmware to USB, connect the USB to the device, select here, then press "OK"

"AVL Logs Alert": can be set from 0~1000. For example, if set 1000, when the device's storage space for logs has 1000 left, then it will remind on the main interface.

"Punch Interval": can be set from 0~60min (default: 1min). For example, if set 10Mins, and if the same user verified several times in 10 minutes, from the second time verification, the device sounds ""duplicated punch" and it stocks 1 log only.

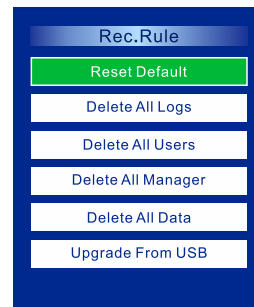
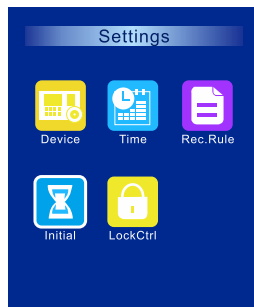
5.3 Records Rule

Select “Settings”, then select “Rec.Rule” to set the records rule.



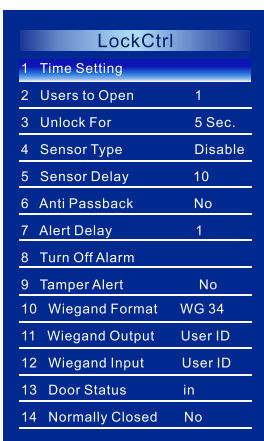
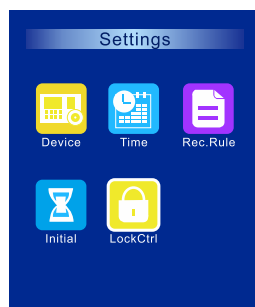
5.4 Initial

Select “Settings”, then Select “Initial”



5.5 Lock Control

Select “Settings”, then Select “LockCtrl”

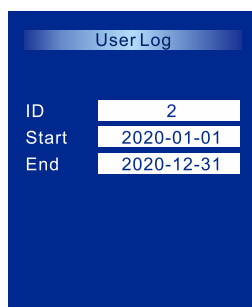
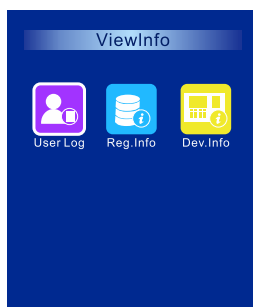
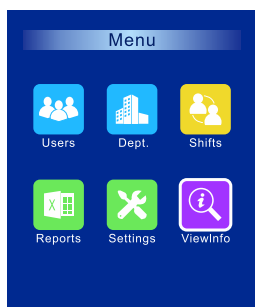


Time Setting	To set the time interval for unlocking every day
Users to Open	To set how many users can open the door, can set 1~10 (default: 1). For example, if set 3, then only after 3 users verified, the door can open.
Unlock For	Set the door open time 0~200 seconds (default: 5 seconds)
Sensor Type	Can set “Disable”, “NC” or “NO”. “NC” means when the door closed, the sensor is normally closed; “NO” means when the door closed, the sensor is normally open.
Sensor Delay	After open or close the door, the time to start detecting the door status, can be set 0~200 seconds (default: 10 seconds)
Anti Passback	Can set “No” or “Yes”
Alert Delay	After triggering tamper switch of the machine, start alarm if over the delay time set
Turn Off Alarm	When the alarm is on, and if it is not illegal operation, can stop the alarm by select “Turn Off Alarm”
Tamper Alert	Can set “No” or “Yes”. If set “Yes”, the alarm will be on when the machine’s back cover is removed.
Wiegand Format	Wiegand 26bits or 34bits (default: 26bits)
Wiegand Output	Can be set “User ID” or “Card Number”
Wiegand Input	Can be set “User ID” or “Card Number”
Door Status	Can be set “in” or “out”
Normally Closed	Can be set “No” or “Yes”. “No” means output COM+NO; “Yes” means output COM+NC

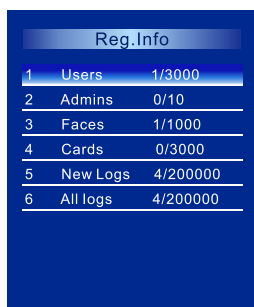
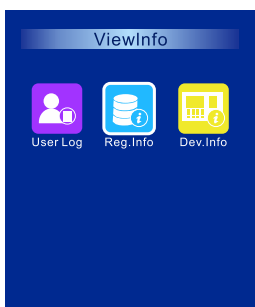
6. View Info

6.1 User Log

View each user’s logs within a period



6.2 Registration Info



6.3 Device Info

