



There are 3 digital display and 3 independent operation buttons can be debugged and status monitored.

Button Functions

- Δ Add / move up, data and menu settings (long press to quickly add), data does not carry
- \blacktriangleleft Shift / exit, data shift, long press (1.2 seconds) to return
- \blacksquare Set / hold, short press to confirm
- Forward is the same direction as tap the turnstile forward
- Reverse is equivalent to reverse as

Menu Display and Functions

- **d-group Err** is the alarm information, **PEr** is the traffic alarm information,
- **StU** is the gate status, **Ast** is the axis status, **PSt** is the traffic status
- **dIS** is input, **IO** is status (control input port), **doS** is output,
- **IO** is status (passing, welcome light port, count output),
- **IrI** is infrared input status,
- **UEr** is version information (only project number and version number are displayed)

Menu display, function

- Group A **roP** open right (reverse opening), **CLo** is closes,
- **LoP** opens left (positive opening), **SE0** is to set the zero point, **RST** is to reset
- Remarks: **F00** parameter must be 1 master 1 slave, otherwise the communication is abnormal, the actual direction of the motor is opposite to the commanded direction
- Setting **F01** parameter setting: P-setting group (password: 168)
- **StU** settings to find the setting groups

Note: Except for F00 and F01, which need to be set separately, when other parameters are set for the master, the slave will also be synchronized.

Function code,

- **F00** Master-slave selection 0/1 0-master, 1-slave
- **F01** (motor) rotation direction selection 0/1, **0-CCW** (reverse rotation), **1-CW** (forward rotation)
- **F02** Door panel selection **0-7**
- **0**-acrylic length: 300mm, **1**-tempered glass 300mm, **2**-acrylic 400mm, **3**-tempered glass 400mm
- **4**-Acrylic 500mm, **5**-Tempered Glass 500mm, **6**-Acrylic 600mm, **7**-Tempered Glass 600mm
- **F03** Open/close speed (%) 1-100%, percentage of motor rated speed (data conversion)
- **F04** acceleration 1-200 RPM/ms, deceleration = acceleration/2
- **F05** Block current (0.1A, 0-900, adjustment unit 0.1A) **0**: no blocking
- **F06** Change blocking current **0-100** Adjustment unit 0.1A
- **F07** Speed ratio 1-999
- **F08** Position scale 1-999
- **F09** Strong push angle 1-900, adjustment unit 0.1 °, allowable deviation in place = strong push angle:1
- **F10** Change speed 1-80% of motor rated speed
- **F11** blocking mode selection **0-2**, **0** means recovering to the previous state, **1**: rebounding at an angle, **2**: speed, torque decreases
- **F12** Strong push mode selection 0/1, 0: unlock clutch, 1: lock clutch
- **F13** Emergency stop mode 0-1, 0 means unlocked clutch, 1 means locked clutch
- **F16** Gate mode **0-10**
 - 0**: Aging mode
 - 1**: Two-way swipe card
 - 2**: Two-way freedom
 - 3**: Two-way prohibition
 - 4**: Entry swipe card + exit free
 - 5**: Entry swipe card+ exit prohibition
 - 6**: Entry free + exit swipe
 - 7**: Entry free + exit prohibition
 - 8**: Entry prohibition + exit freedom
 - 9**: Entry prohibition + exit swipe card
 - 10**: Drive mode
- **F17** Infrared quantity **0-1**, **0**: Three (3) pairs infrared, **1**: Six (6) pairs of infrared
- **F18** memory card enable 0/1, **0**: disable, **1**: enable
- **F19** Normal open normal closed state **0/1**, **0**: normal closed, **1**: normal open
- **F20** Maximum unmanned passage time **10-999**, adjustment unit 1s
- **F21** Allow card swipe in the channel **0/1**, **0**: not allowed, **1**: allowed
- **F22** Weather closed backward **0/1**, **0**: not closed, **1**: closed
- **F23** Voice volume **0-15**
- **F24** Trailing detection delay time **0-999**, adjustment unit 10ms
- **F25** Choice of clutch use when closed **0/1**, **0**: not used **1**: used
- **F26** Is the clutch locked **0-1** if illegally intruded, **0**: not locked **1**: locked
- **F27** Set infrared filter time **0-500**, adjustment unit 10ms
- **F28** Allow delay after card swipe **0-600**, adjustment unit 10ms
- **F29** Fire alarm door opening direction **0/1**, **0**: exit door open; **1**: entry door open
- **F30** Open delay time is **0-500**, the adjustment unit is 10ms
- **F31** Closing delay time is **0-500**, the adjustment unit is 10ms
- **F32** Stop time in channel **0-999**, adjustment unit 1s
- **F33** Controller type **0-3**, **0**: swing gate double arm, **1**: swing gate single arm, **2**: wing gate double arm, **3**: wing gate single arm
- **F34** Trigger anti-pinch delay setting **0-999** ms
- **F35** Exit anti-pinch delay setting **0-999** ms
- **F36** Control gate command **0-2**, bit0: 1-forward open bit1: 1-reverse open
- **F37** Infrared type **0-1**, **0**: 3 pairs, **1**: 6 pairs
- **F38** Open door with or without buzzer tone **0/1**, **0**: no (Off) **1**- yes (On)
- **F39** Chinese and English voice **0/1**, **0**: Chinese, **1**: English
- **F46** Enable RGB light **0/1**, **0**: pass/welcome light on, **1**: RGB light shows on both sides
- **F47** Baud rate setting (RS232) **0-5**: 4800, 9600, 19200, 38400, 57600, 115200

Voice content table

- F39 parameters, switch between Chinese and English voice.
 - 0: Welcome
 - 1: Do not enter, authorized personnel only
 - 2: Reverse entry, please exit and wait
 - 3: Don't follow
 - 4: Please pass through quickly
 - 5: Passing from opposite direction
 - 6: Have a nice trip
 - 7: Initialization failure
 - 8: Communication error
 - 9: Master communication error
 - 10: Slave communication error
 - 11: Fire warning, please evacuate immediately
 - 12: Master controller
 - 13: Slave controller
 - 14: Welcome again
 - 15: Welcome home
 - 16: Thank you for your patronage
 - 17: You are under surveillance
 - 18: Construction area! Hard hats must be worn
 - 19: Only one passenger allowed at one time
 - 20: Authorized personnel only
 - 21: Closed off
 - 22: Please authorize outside the line