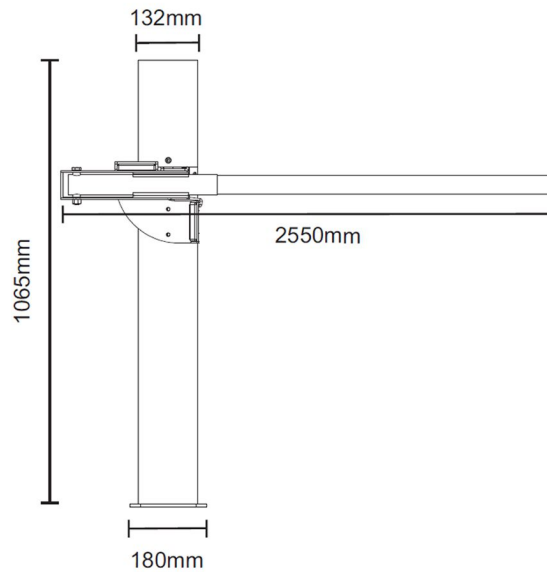**FELIX**
Security Systems

PRODUCT FEATURES

• Simple and compact design gate barrier.

• DC 12V motor compatible with backup battery and solar system.

• Accurate electronic limit switch.

• 3 seconds for open/close making the entrance management more efficient.

• Multiple function interface available.

• Boom is specially design to swing out smoothly in case of power failure.
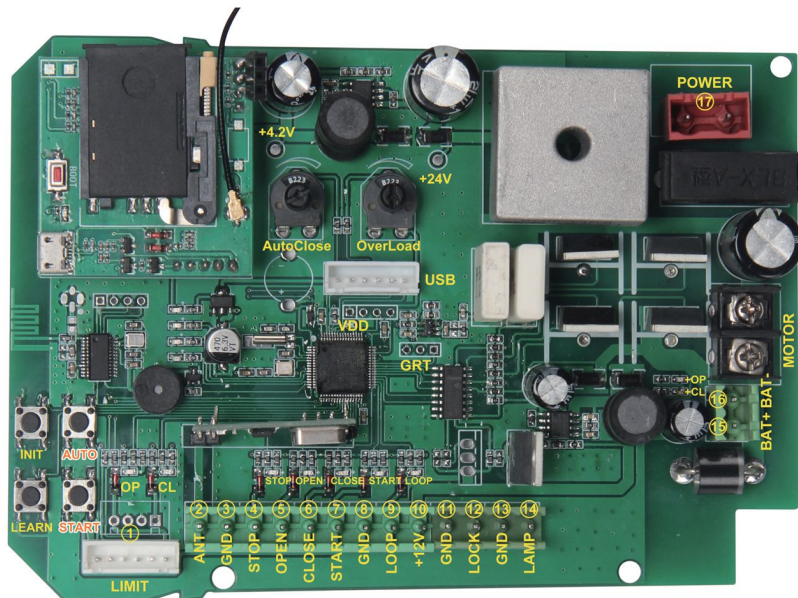
• Galvanised powder coated steel alloy.

TECHNICAL SPECIFICATION

MODEL	F-DZ
Electric motor	12VDC
Rated voltage	220V±10%/110V±10% 50HZ/60HZ
Rated motor power	30W
Arm open/close speed	3 Sec
Max arm length	2.5M
IP rating	IP42
Color	Red
Remote control distance	25-30m in open area
Working temperature	-40°C ~ +75°C
Cabinet dimension	180* 132*1065mm

PRODUCT DIMENSION

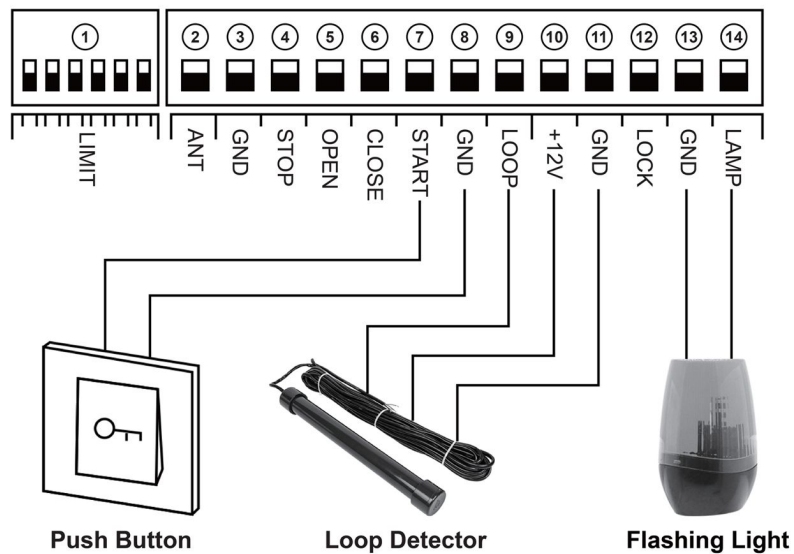## CONTROL BOARD

(01) LIMIT is for 4 PIN limit sensor or 6 PIN angle limit sensor.

(02) ANT terminal is for antenna.

(03) GND terminal is for connecting the "ground" of external devices.

(04), (05) and (06) STOP, OPEN, CLOSE terminal for external device to control only stop or open or close, such as push button, wired keypad and receiver etc.

(07) START terminal for signal input of control (open-stop-close)circularly of external device, such as push button, wired keypad and receiver etc.

(08) GND terminal is for connecting the "ground" of external devices.

(09) LOOP terminal is for loop detector.

(10) +12V terminal is power terminal for loop detector.

(11) GND terminal is for connecting the "ground" of external devices.

(12) LOCK terminal is for electric lock -(not available).

(13) GND terminal is for electric lock +(not available) and flashing light +.

(14) LAMP terminal is for flashing light. (Suppport to connect to 12V flashing light).

(15) BAT + terminal for connecting to back up battery +.

(16) BAT - terminal for connecting to back up battery -.

(17) POWER terminal for AC/DC 12-24V.

CONNECTION DETAILS

Push Button   Loop Detector   Flashing Light

Terminal labels: LIMIT (1), ANT (2), GND (3), STOP (4), OPEN (5), CLOSE (6), START (7), GND (8), LOOP (9), +12V (10), GND (11), LOCK (12), GND (13), LAMP (14)

OPTIONAL ACCESSORIES

WI-FI MODULE (FM-05W)
- Working Voltage: Micro USB 5V, Current: 30-80MA
- Frequency: 433.92Mhz
- Code: Rolling Code, Fixed Code, Learning Code
- Wi-Fi: 2.4G IEEE 802.11 b/g/n, Range: 80-100m
- Supports automatic gate system

FLASH LIGHT (FD-08)
- Voltage: 12V-265V AC/DC
- Frequency: 1Hz
- IP Rating: IP44
- Supports swing motor, sliding motor, gate barrier, etc

FLASH LIGHT (FD-06)
- Voltage: 12V-265V AC/DC
- Frequency: 1Hz
- IP Rating: IP54
- Supports swing motor, sliding motor, gate barrier, etc

BEAM SENSOR (FO-G20)
- Voltage: DC12-18V
- Beams: Single beam
- Detect Distance: 20M
- Output: NO/NC/COM