

LINEAR MOTION
SYSTEM INTELLIGENT
PRODUCTS
MANUFACTURER



it takes ARM as its CPU core controlling unit, provide more efficient motion controlling algorithm, make its controlling performance more excellent

LOAD SCHEDULE

Three axis linear point motion / reciprocating motion, program cycle / arrival delay, with four output ports, switch signal can be used, switch signal can be external, three basic programs can be embedded, motion parameters can be written / modified

FUYU TECHNOLOGY CO.,LTD

SIMPLE OPERATION EXCELLENT PERFORMANCE

SIMPLE OPERATION AND EXCELLENT PERFORMANCE



FSC-2A
FSC-2A CONTROLLER



FMC-4030
FMC-4030 CONTROLLER



FMC4030
FMC-4030 TOUCH SCREEN



FIC
FIC DRIVE CONTROL
INTEGRATED CONTROLLER



FPS-1A
FPS-1A-LIMIT SWITCH



Electrical cabinet



FSC-2A

FSC-2A take ARM Cortex-M3 core processor, can realized precise controlling on speed and distance of stepper motor, servo motor, and equipped displayable motion parameter digital tube and adjustable parameter button, controlling method supports buletooth connection and remote controlling operation



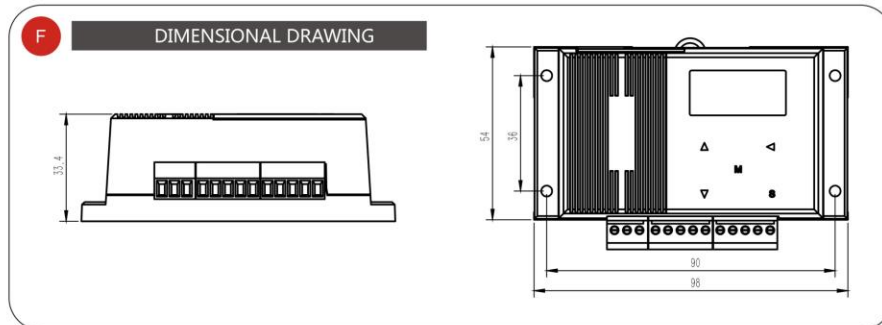
FMC4030

FMC4030 controller is a kind of pulse type controller, take 32 bit ARM chip as main control of the controller, each axis output frequency reach 200KHz, pulse counting function intergrated, can realized accurate controlling of position and speed controlling for stepper motor or servo motor

FSC-2A-TECHNICAL PARAMETER

| TECHNICAL PARAMETER | Type | FSC-2A |
|------------------------|--------------------|--|
| | Power Supply Mode | DC24V(Supplied with DC24V) |
| | Power Consumption | 小于7.2W(Lower than 7.2w) |
| | Number of Axes | (Single-axis) |
| | Frequency of Pulse | 50HZ~200kHZ |
| | Pulse Output Mode | (Pulse+Dir) |
| | Acceleration Mode | (Trapezium AC/DE) |
| | Bus Extension | (Not Supported Yet) |
| | System | Android 9.0 内存2G以上(With More Than 2GB Storage) |

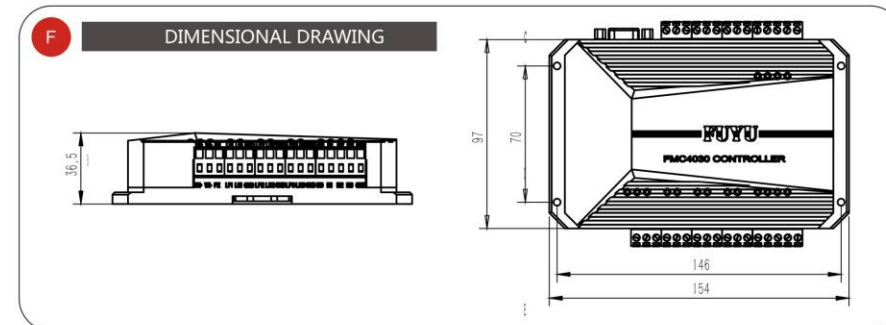
FSC-2A-DIMENSIONAL DRAWING



FMC4030-TECHNICAL PARAMETER

| TECHNICAL PARAMETER | Type | FMC4030 |
|------------------------|---------------------|------------------------------|
| | Power Supply Mode | 24v |
| | Weight | 300g |
| | Number of Axes | 三轴(Triaxial) |
| | Operation mode | 网口、串口 |
| | Motor resolution | 10000 |
| | Motion control mode | (Manual, automatic, program) |
| | Homing method | 回零(Return to zero) |
| | Communication | 网口、232、485 |

FMC4030-DIMENSIONAL DRAWING





FMC4030 3-axis touch screen

The FMC4030 motion controller is a universal economical 3-axis motion controller introduced by Chengdu FUYU Technology Co., Ltd. It uses ARM as its CPU core control unit and adopt more efficient motion control algorithms to make its control performance better.



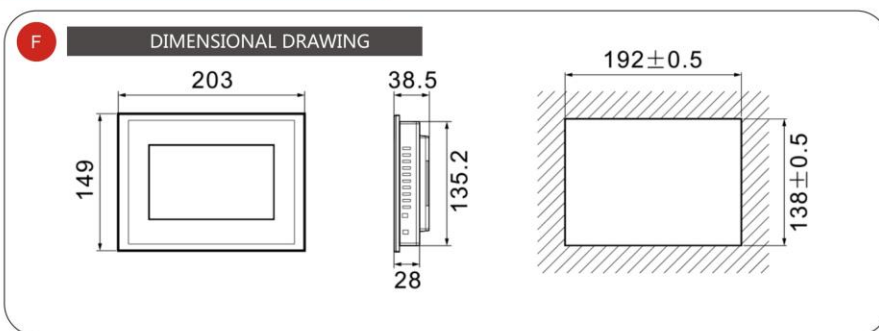
FIC Drive Controller

FIC stepper motor drive and control integrated controller, using 32-bit high-performance ARM core chip, can accurately control the speed and rotation position of 57 stepper motors, with stepper motor drive, maximum output current 4A, support maximum 32 Subdivision can achieve precise and smooth control of the stepper motor.

FMC4030-TECHNICAL PARAMETER

| TECHNICAL PARAMETER | Type | FMC4030 |
|------------------------|----------------|---|
| | CPU board | 以cortex-A8 CPU为核心，主频1GHz |
| | touch screen | (Four wire resistance type) |
| | Memory | 512DDR3 |
| | storage device | 128M FLASH、4G扩展存储 |
| | Interface | 2xRS232、1xRS232/485、1xRS485、2xUSB、1xLAN |
| | Power Supply | DC24V/30W |
| | weight | 6.1kg |

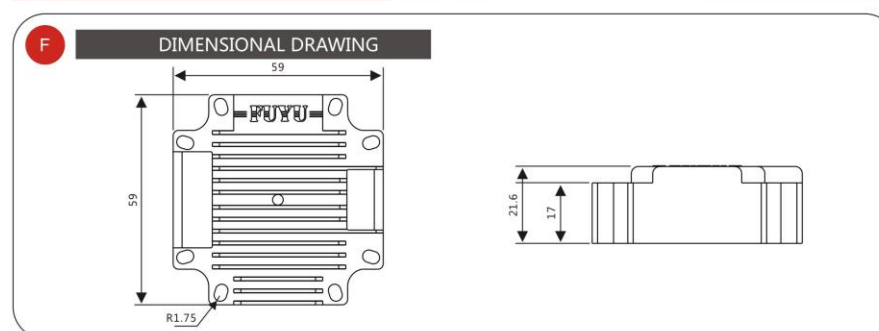
FMC4030-DIMENSIONAL DRAWING



FIC-TECHNICAL PARAMETER

| TECHNICAL PARAMETER | Type | FIC |
|------------------------|---------------------------|----------------------|
| | Number of controlled axis | 1 |
| | Compatible product series | 57/60步进电机 |
| | Weight | 350g |
| | Operation mode | can总线 |
| | Motor resolution | 6400 |
| | Motion control mode | 点位控制(Point control) |
| | Homing method | 限位回零(Return to zero) |
| | Communication | CAN总线 |

FIC-DIMENSIONAL DRAWING





FPS-1A-limit switch

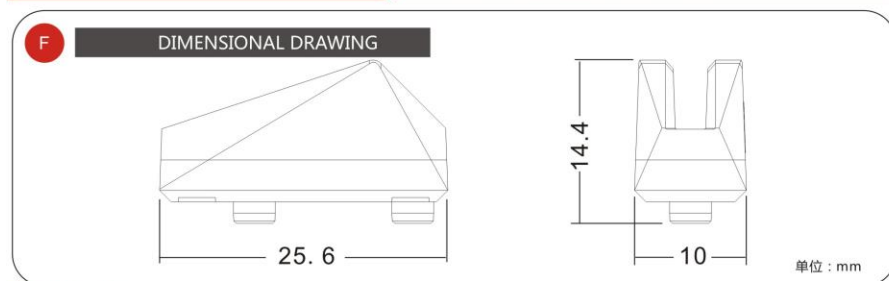
When customers use our FSK30J linear module with this limit switch, the wiring is safe, convenient, and occupies a small space; and there are two forms of PNP and NPN. The original intention of the design is to facilitate customers to operate the FSK30J module and to provide an effective solution for limited use.

FPS-1A 限位开关-技术参数

FPS-1A-TECHNICAL PARAMETER

| TECHNICAL PARAMETER | Type | FPS-1A-NPN-ON | | FPS-1A-PNP-ON |
|------------------------|---------------------------------------|---------------|----|--|
| | Supply voltage | 12~24 | V | ±10% |
| | Power consumption | < 0.5 | W | 空载 |
| | Maximum load current | 30 | mA | 空载 |
| | Overload protection | 30 | mA | |
| | Short-circuit protection | 有 | W | 撤销短路情况，功能可恢复 Cancel the short circuit condition the function can be restored |
| | Anti-reverse protection | 有 | mA | |
| | Electrostatic discharge immunity(ESD) | 空气±15 接触±4 | KV | GB/T 17626.2-2018/IEC 61000-4-2:2008 所有接口 |
| | | -20~60 | °C | |

FPS-1A-DIMENSIONAL DRAWING



Electrical cabinet

The electrical cabinet of FUYU integrates driver, controller, power supply, etc., To ensure convenient use by customers, and the use of integrated control can effectively ensure that customers' wiring and use process are simple and convenient.

Electrical cabinet-TECHNICAL PARAMETER

| TECHNICAL PARAMETER | Product Name | size | Applicable driver | power supply |
|------------------------|---------------------------|---------------|---|--------------|
| | Electrical cabinet(small) | 300*400*200mm | FMDD36D22NOM FMDD50D40NOM | 350W |
| | Electrical cabinet(big) | 400*500*250mm | FMDT220A42NOM ASD-B2-0421-B ASD-B2-0721-B | 100W |

