Baud rate **9600** data is **9** stop bits **1** bit

PC

——"FC 01 Layer xx FB

xx =0\1 No linkage xx =2 Two motors linked xx =NN motors linked

Driver board:

ÿ—— FC 01 05 00 FB The cargo lane is normal

ÿ—— FC 01 00 00 FB The cargo lane is invalid

ÿ—— FC 01 14 01 FB short circuit

PC

——"FC 02 layer row xx FB xx means 0

spring machine mode (without delivery detection) 1 spring machine mode (with delivery detection)

2 Belt conveyor mode (with delivery detection) 3 Belt conveyor mode (without delivery

detection) 4 Hook mode (with delivery detection) 5 Hook mode (without delivery detection)

Driver board:

ÿ—— FC 02 00 00 FB Invalid cargo lane

ÿ—— FC 02 01 00 FB The motor rotation stop position is wrong

ÿ—— FC 02 02 00 FB Cards

ÿ—— FC 02 02 01 FB card goods + 1/4 turn more

ÿ—— FC 02 05 00 FB Shipping is normal

ÿ—— FC 02 05 01 FB shipped normally + turned 1/4 turn more

ÿ—— FC 02 06 00 FB belt infrared fault, shipment failed

ÿ—— FC 02 14 00 FB short circuit

PC

——"FC 03 Layer xx FB xx=0x11 Unlinked

spring machine mode xx=0x21 2 Linked spring machine mode xx=0x12 Unlinked belt conveyor

mode xx=0x22 2 Linked belt conveyor mode xx=0x23 3 Linked belt conveyor mode xx = 0x33

hook mode

driver board: reply

ÿ—— FC 03 05 00 FB is normalÿ—— FC

03 00 00 FB is invalid.ÿ—— FC 03 01 00 FB

The motor rotation stop position is incorrect.

ÿ—— FC 03 14 00 FB Motor short circuit

1.4 Setting/Reading Motor Stop Threshold

PC

——ÿFC 08 xx 00 aa FB

xx set the motor stop threshold,

aa state 01 read command 00 write command driver board:

ÿ—— FC 08 xx 01 FB

xx: read stop threshold

1.5 Set query spring cargo lane linkage synchronization time

PC

——ÿFC 0C xx xx bb FB

xx xx indicates that the time unit of cargo lane linkage synchronization is ms. 00 write command, 01

read command (BYTE3 (the next xx) represents the cargo lane number, 00 represents all cargo

lanes, c1 represents the first layer of cargo lanes, and c2 represents the second layer..)

ÿ—— FC 0c xx xx FB

xx xx represents the returned cargo lane linkage

time ## 1.5.1 Set the query spring cargo lane linkage synchronization time (new - each cargo lane can be set separately)

PC

——ÿFC 54 xx xx bb FB

xx xx means the freight lane linkage synchronization time, the high byte is in the front, the low byte is

in the back bb means the freight lane number 00 means all freight lanes c1 means the first floor freight lane, c2 means the second floor...

Driver board:

ÿ—— FC 54 xx xx FB

xx xx indicates the returned cargo lane linkage time

1.6 Set/read belt timeout

PC

——>FC 09 p1 p2 p3 FB p1 is the

timeout time, the unit is a multiple of 100ms, p2 is the cargo

lane number, if p2 is 00, it means the whole machine setting. If p2 is c1, c2, c3, c4, set the 1st layer, 2nd layer, 3rd layer,

4th layer respectively... p3 equal to 0 means setting 1 means reading.

ÿ—— FC 09 xx 00 FB

xx represents the value to be

read ## 1.7 Set the belt stop time

PC

——ÿFC 0d xx xx bb FB

xx xx means the high byte of the belt stop time is in the front, the low byte is at the back

bb means the freight lane number 00 means all freight lanes c1 means the first floor freight lane, c2 means the second floor...

Driver board:

"—— FC 0d 01 00 FB means the setting is normal

1.8 Shipment of linkage motor

——"FC 0b (motor 1) (motor 2) xx FB linkage is the head and tail motor, 3

linkage determines whether motor 1 is motor 2 equal to motor 1+2

value

xx means 1 spring machine mode (with delivery detection) 0 spring machine mode (without delivery detection) 2 belt

conveyor mode (with delivery detection) 3 belt conveyor mode (without delivery detection)

Driver board:

ÿ—— FC 0b 00 00 FB Freight Path Fault ÿ—— FC 0b

00 01 FB Freight Path Short Circuit ÿ—— FC 0b 01 00

FB The motor rotation stop position is incorrect.

ÿ—— FC 0b 02 00 FB jamming fault ÿ—— FC 0b 02

01 FB belt infrared fault ÿ—— FC 0b 05 00 FB shipment is

normal

1.9 Read the belt stop time

PC

——ÿFC 0e 00 00 bb FB

bb means the freight lane number 00 means all freight lanes c1 means the first floor freight lane, c2 means the second floor...

"—— FC 0e xx xx FB xx indicates the read belt stop time

1.10 Automatic test photoelectric detection

PC

——ÿ FC 04 00 00 00 FB

Driver board:

ÿ—— FC 04 01 00 FB means automatic test OK

"—— FC 04 00 00 FB means automatic test failure

1.11 Manual test photoelectric detection

PC

——ÿ FC 06 00 00 00 FB

Driver board:

ÿ—— FC 06 01 00 FB indicates that the manual test is normal

"—— FC 06 00 00 FB means automatic test failure

1.12 Setting/Reading Motor Short Circuit Threshold

PC

——"FC 51 xx xx bb FB xx xx means

the threshold to be set. bb is 0 means

setting, bb is 1 means query

Driver

board: "—— FC 51 01 00 FB means the setting is

ÿ—— FC 51 aa cc FB   successful. The threshold obtained by aa cc query

1.13 Set whether the motor rotates 1/4 turn

PC

——ÿFC 52 xx aa bb FB

xx : 1 - enable 1/4 turn 0 - disable aa : <0xc1

is the cargo lane number; >0xc1 -0xc1 is the layer number; 0 means the whole machine

bb is 0 means setting, bb is 1 means query

Driver

board: "—— FC 52 01 00 FB means the setting is

ÿ—— FC 52 cc 00 FB 1.14 Clear   successful. Status of cc query

the state of the motor turning 1/4 turn

PC

——ÿFC 53 xx 00 00 FB

xx : cargo lane number

Driver board:

ÿ—— FC 53 01 00 FB means the setting is successful

1.15 Driver board EEPROM initialization

PC

——ÿ FC 61 61 00 00 FB

Driver board:

ÿ—— FC 61 01 00 FB means the setting is successful

"—— FC 61 02 00 FB means setup failed

1.16 Query driver board software, hardware version, set hardware version

PC

——"FC 62 rj yj sz FB rj: software

version such as 0x21 means the version number is 2.1 yj:

hardware version such as 0x20 means 2.0 version sz: 0 means

setting 1: means reading

Driver board:

"—— FC 61 rj yj FB indicates that the setting is successful

and returns to the current software and hardware version 1.17

Turn on/off the light bar

PC

——"FC 63 xx 00 00 FB xx=1: open

xx=0: close

Driver board:

ÿ—— FC 61 rj yj FB indicates that the setting successfully

returns to the current software and hardware version

1.18 Query the maximum number of supported cargo lanes

PC

——"FC 64 00 00 00 FB driver board:

"—— FC 61 xx 00 FB means the setting is successful

xx is 1: support 100 2: support 200