Van Gogh's Colour Workroom

(Second Generation)

2011

User's Manual

[English]

C O N T E N T S

A. Van Gogh's Colour Workroom Setup

B. Configuration Menu

C. PCB

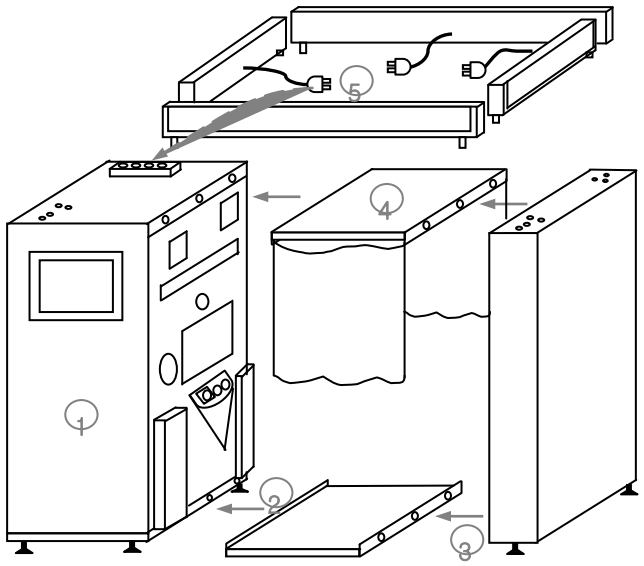
D. Camera Setup

E. Trouble Shooting

F. Wiring Schematic

A. Van Gogh's Colour Workroom Setup

1. Cabinet Setup



1) Level the Main body of the machine (1) by adjusting the 4 leg adjusters.
2) Level the Main body (1) and (2) on the floor and adjust by winding down the feet using an adjustable spanner. Now use supplied fixings to secure the floor plate to the cabinet.
3) Same as (2) adjust the seat/rear section (3) and roof plate(4) and secure using the supplied fixings.
4) After level the whole machine on the floor, start by installing the small sign box on the main cabinet of the machine. The threaded bolts should go through the holes. Now secure by using the nuts provided.
5) Do the same for the other 3 parts.
6) Remove the trim from around the edge and take out the plastic decal. You can now use the M4 nuts & bolts provided to secure the 4 sign boxes together.
7) Connect the power plugs to the 4 way on the roof of the machine.

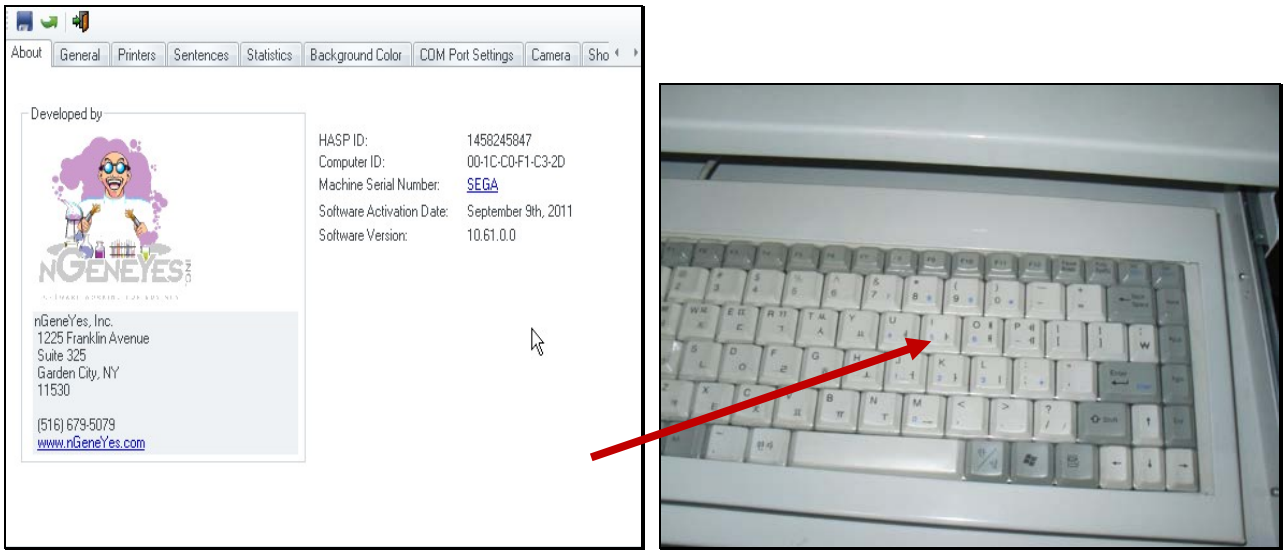
2. System Setup

1) Plug-in the main power chord to the rear of the machine
Open the side door and turn ON the main switch.
3) Once power has been applied the PC will start automatically.
4) After power up, insert the toner & ink cartridges into the printers.
5) Insert A4 (HP Laser Printer) and Postcard(HP 5300 Printer) into the printers.
6) The A4 paper must locate in the middle of the printer and the Postcard on the right side of the (Hp 5300 Printer) printer. Use the adjustable sliders to align the paper/postcard.
8) Take off the camera lens cover if attached and adjust the focus & Zoom. (This can be achieved by adding a credit & selecting a game session). See page 10 for info on 'Camera Setup'

B. Configuration Menu:

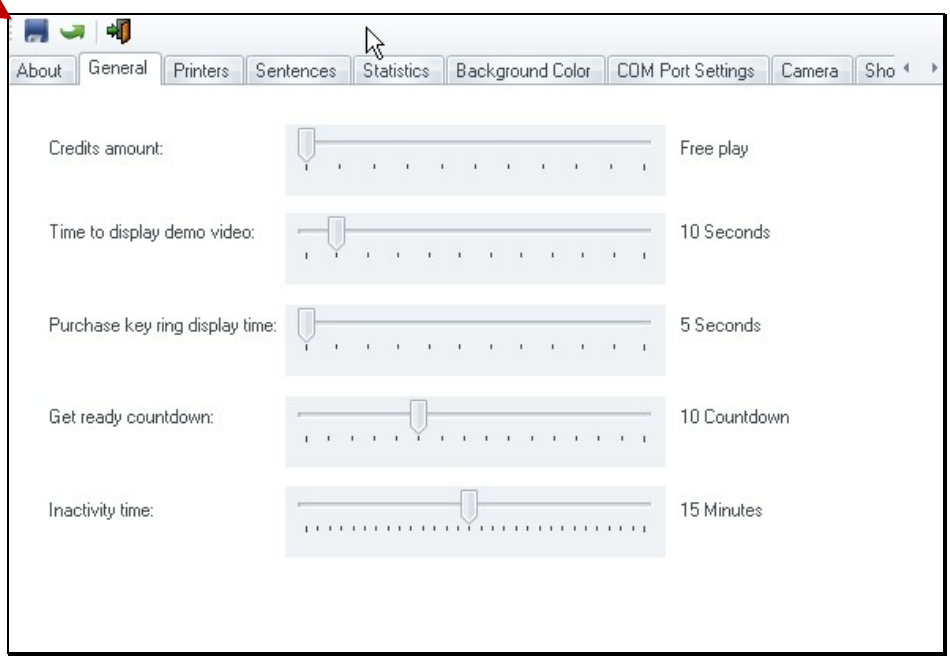
To Enter the Configuration menu press 'i' on the keyboard while in attract mode

- About:

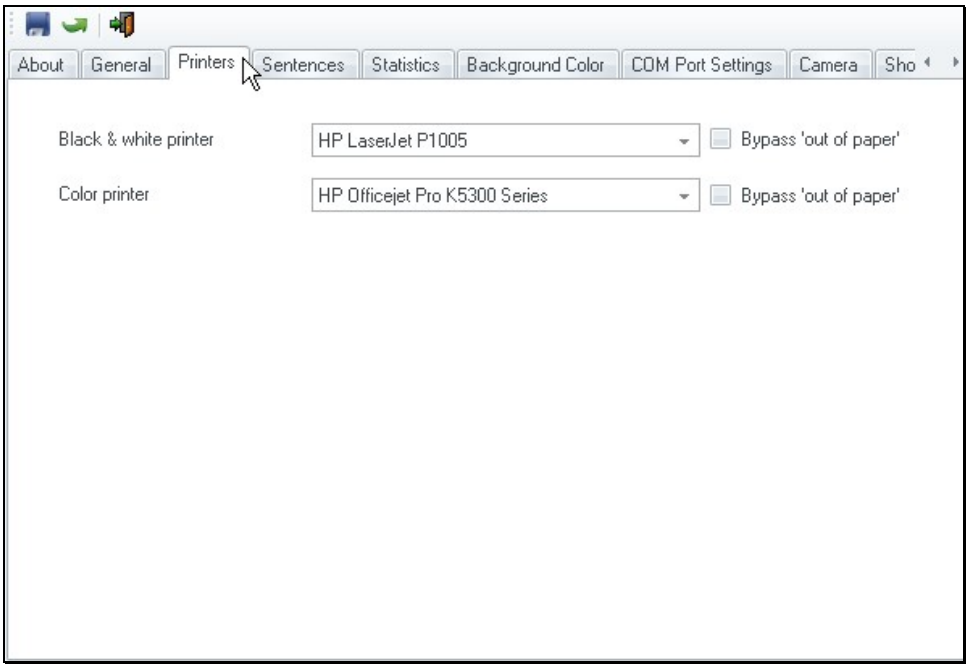


- General Settings:

NOTE: Once any settings has been changed, you must click the 'Save Button'

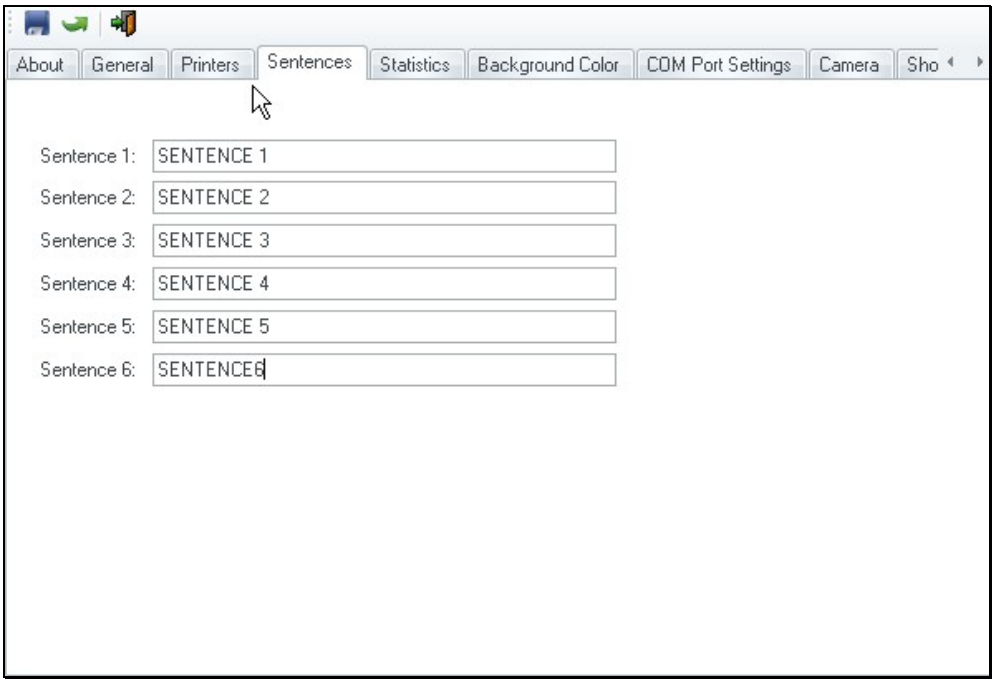


➢ Printers



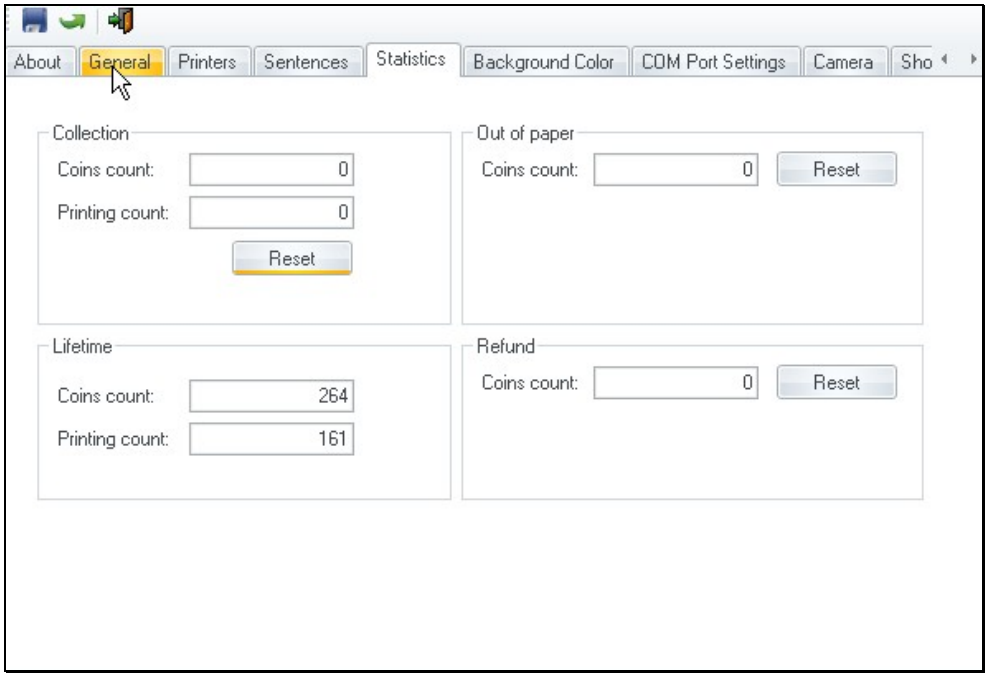
➢ Sentences

You can customize each sentence. There are 6 options.



➢ Statistics

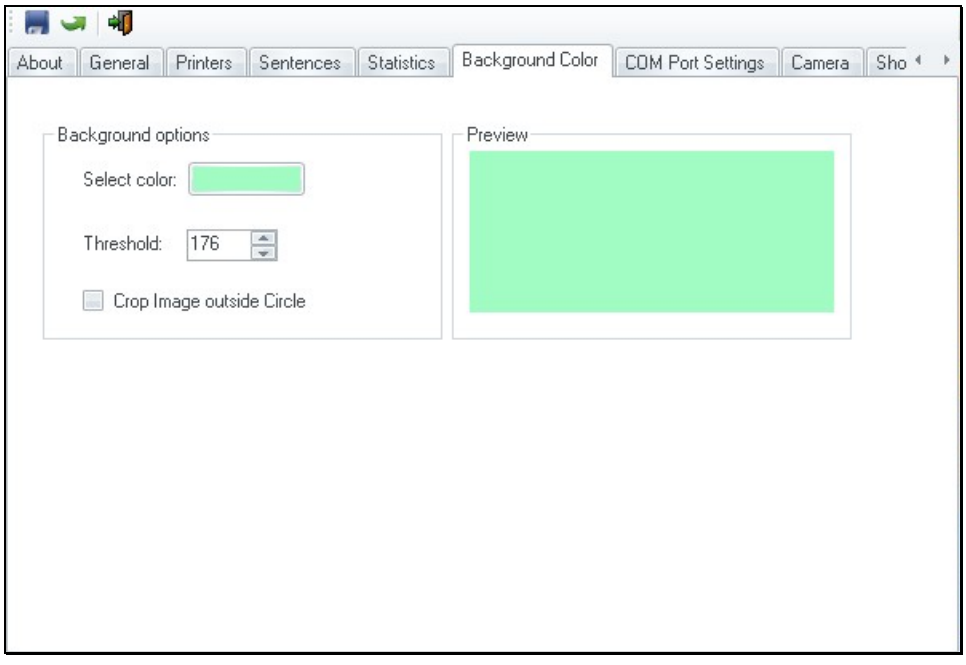
The statistic menu gives you information on cash in.



➢ Background Color Setup

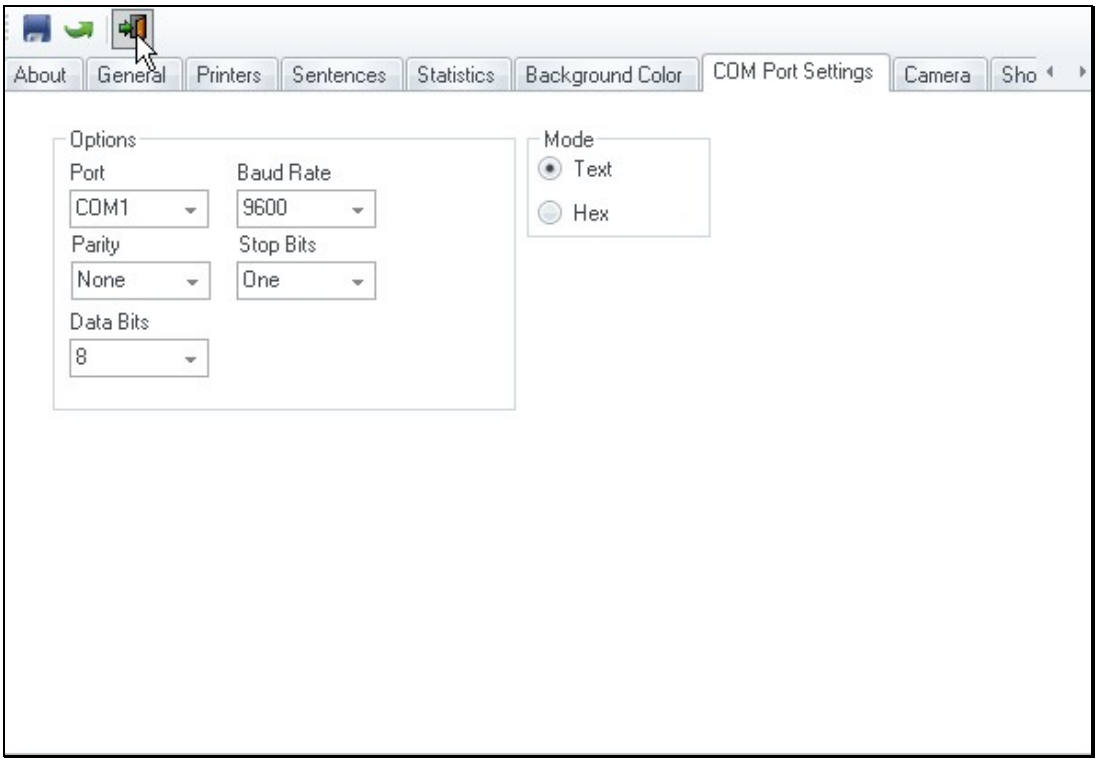
Select the color of the background to enable the software to cut the person out in the picture. Please note that the color is not an exact match of the booth background. It is just how the camera & software processes it.

You will sometimes need to adjust the threshold depending on the brightness of the room the booth is operated in. Maximum setting is '199'



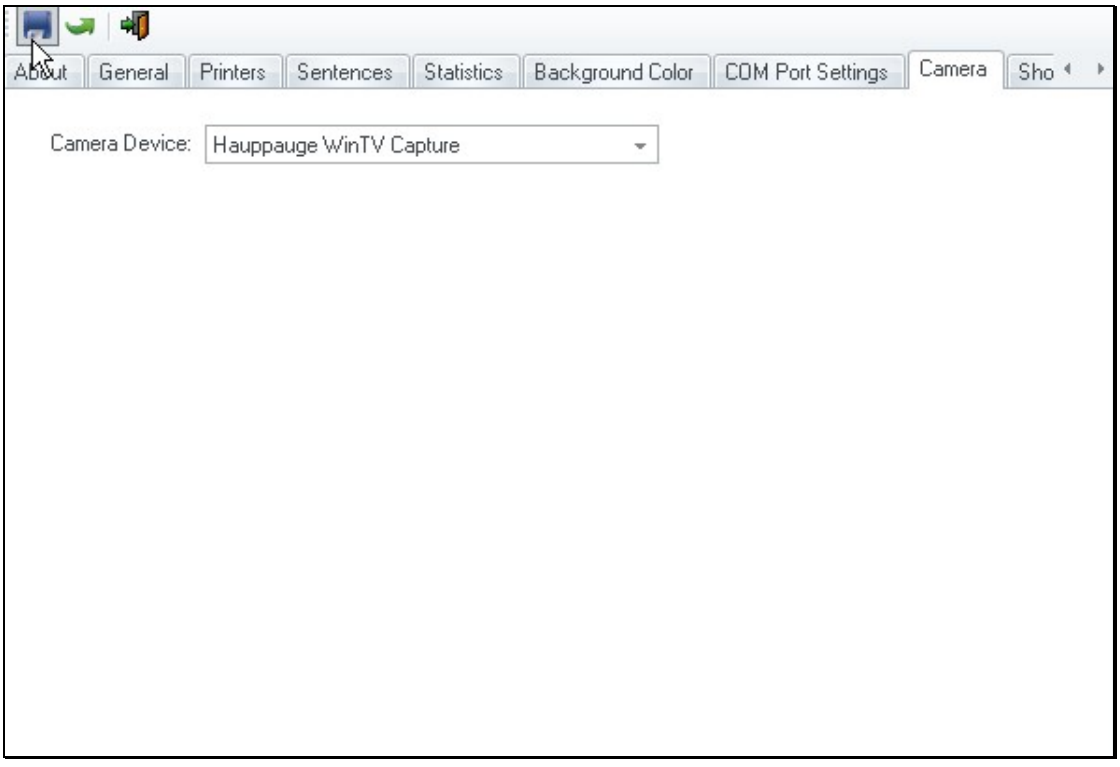
➢ COM Port Settings

COM 1 is used for the joystick & button controls



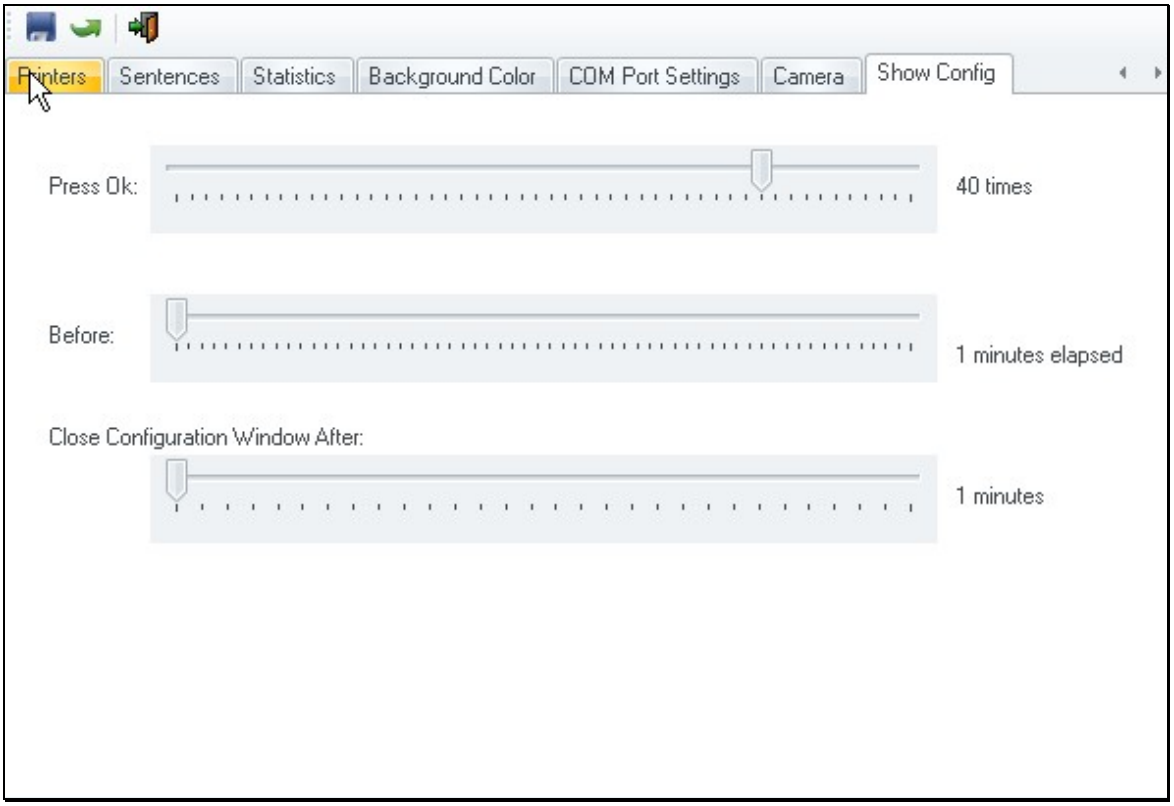
➢ Camera

Device should be set to: 'Hauppauge WinTV Capture'

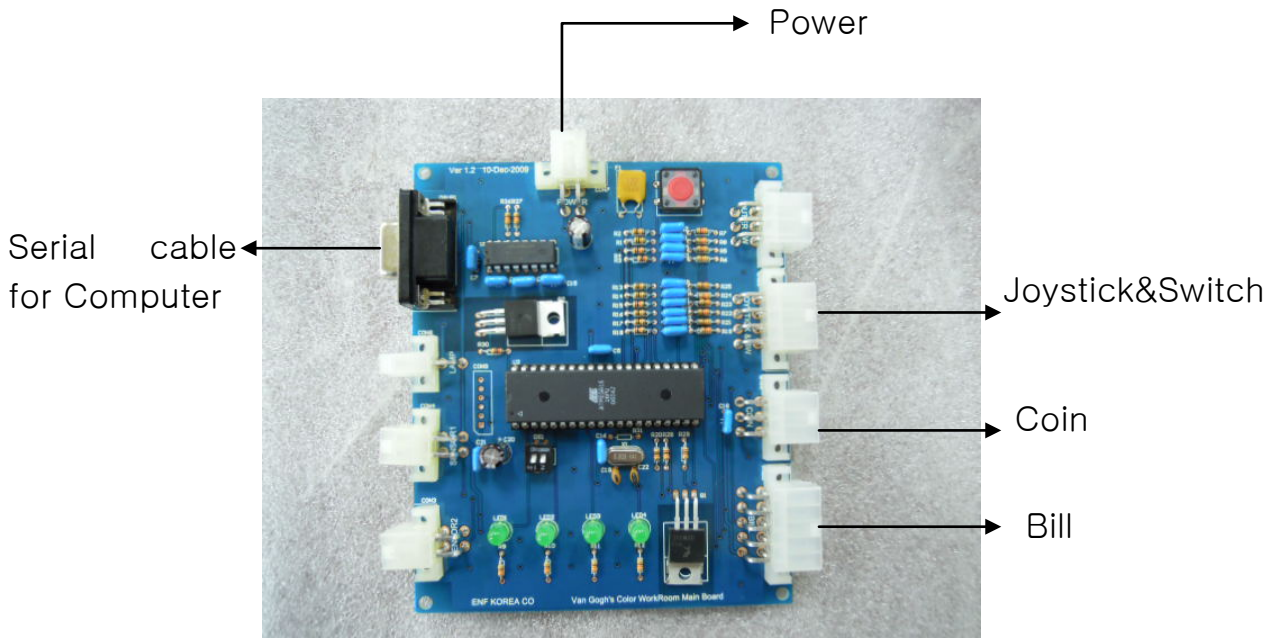


➢ Show Config

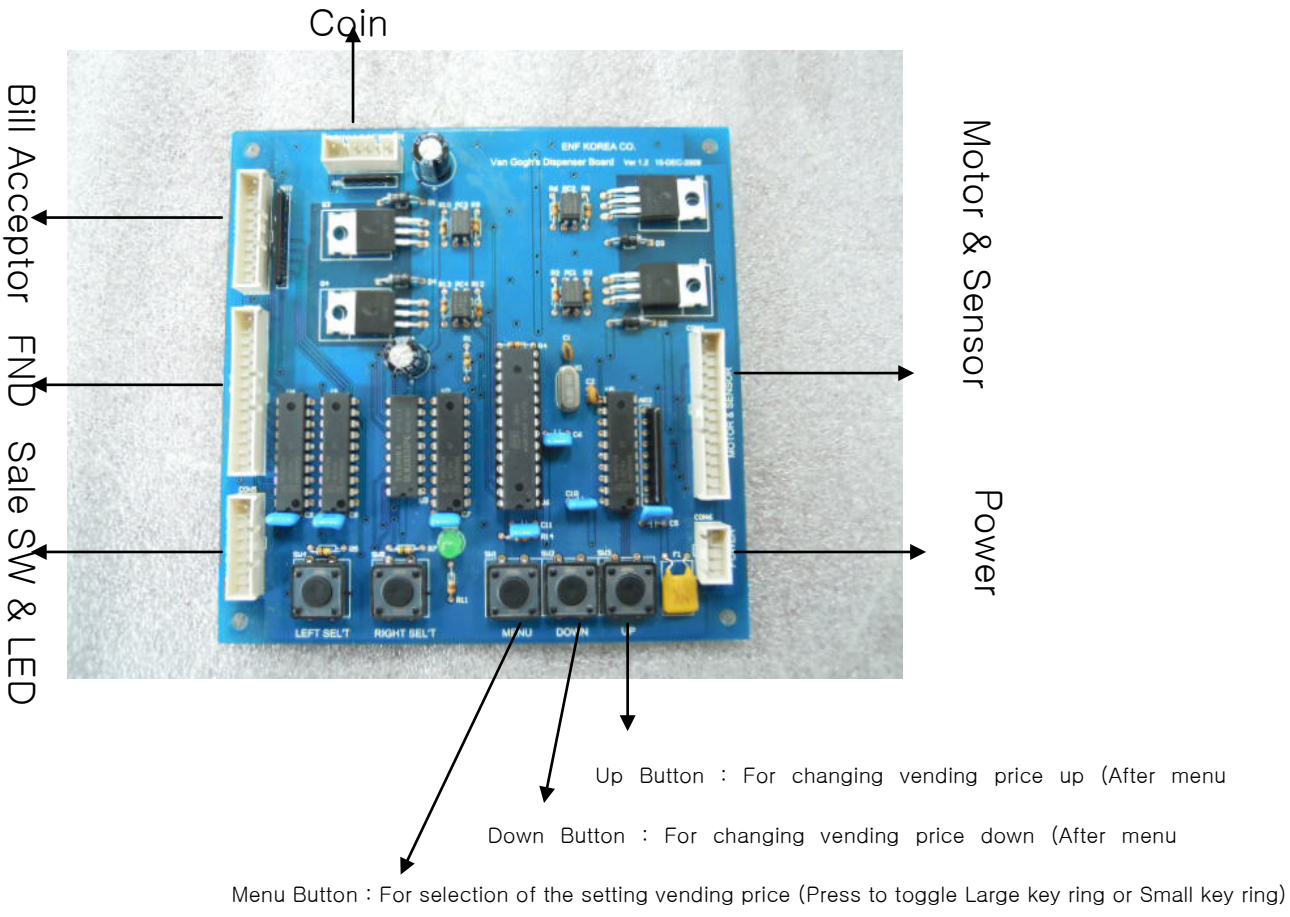
Do not change this from default setting on the computer when it is sent to you.



C. PCB

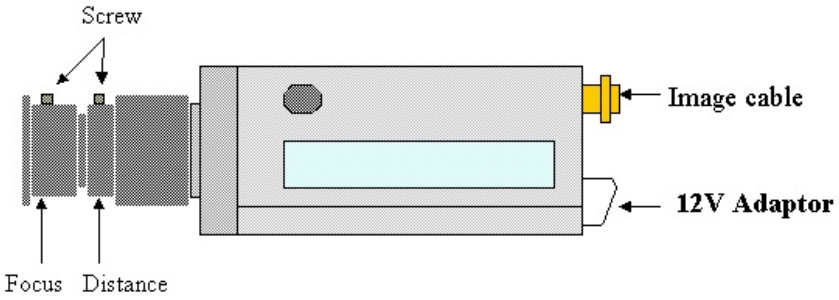


Dispenser Board



D. Camera Set Up

1) Camera structure



2) Dip Switch

E. Trouble Shooting:

1. **When the machine does not work**

   Check main power cord and circuit breaker. If the circuit breaker is “OFF”, then switch to “ON”

2. **PC, Monitor or Sound does not work**

   Check all plugs and sockets for secure connections into the PC.

3. **When the image of the monitor screen is too dark or distorted**

   Check the monitor switch is “ON”. Check if the splitter box switch is “ON”

4. **When the printer does not work**

   a) Check if the power chord is plugged in securely.

   b) Check the Green status light is 'ON' (Solid) with no other lights.

5. **The printer error indicator is “ON”**

   a) Check paper is loaded correctly

   b) Check if paper is jammed

6. **Coin Mechanism does not work**

   a) Check if the coin mechanism has 12vdc power.

   b) Check that the credit board has power & has a red status light (Blinking)

   c) For key rings, check there are keying boxes loaded into the dispenser.

7. **Speakers do not work**

   a) Check power connection to the amplifier

   b) Check Jack output from the PC

   c) Drop to Windows and check using the 'Sounds' option in the 'Control Panel'.

8. **Joy Stick, O.K. and CANCEL controls do not work.**

   a) Check the micro switches operate correctly (Use a multimeter and set to continuity)

   b) Check the Serial (RS232) cable from the PC to the i/o Board

   c) Check power to the i/o board

9. **Monitor, printer or camera light does not work.**

Check if the multi-way power connector (4 way socket) is ON.

10. **When the image is not shown on the screen.**

a) Check the electric power plug for the camera AC adaptor or wiring from adaptor to camera.

b) Check connection status of the video lead from the camera to the PC

(Plug into Top connector on the rear of the PC)

11. **Program does not work**

a) Does the P.C. work normally?

b) Check the USB(security dongle) is installed correctly?

12. **When printed image is not clear.**

Check the camera focus.(there are two small levers (with lock screws) on the front of the camera lens)

First lever – focus control / Second lever – distance control / Secure adjustments with locking screws.

13. **In case printed image is too faint or has white line on the vertical direction.**

a) Do a printer head clean (See Printer manual)

b) If problem persists, replace the print heads

14. **When the Printer "OUT OF PAPER" Light is "ON"**

a) Input some paper in the printer tray.

b) For more info on printer trouble shooting, see the relevant manual from the booth.

15. **Spot on the print quality.**

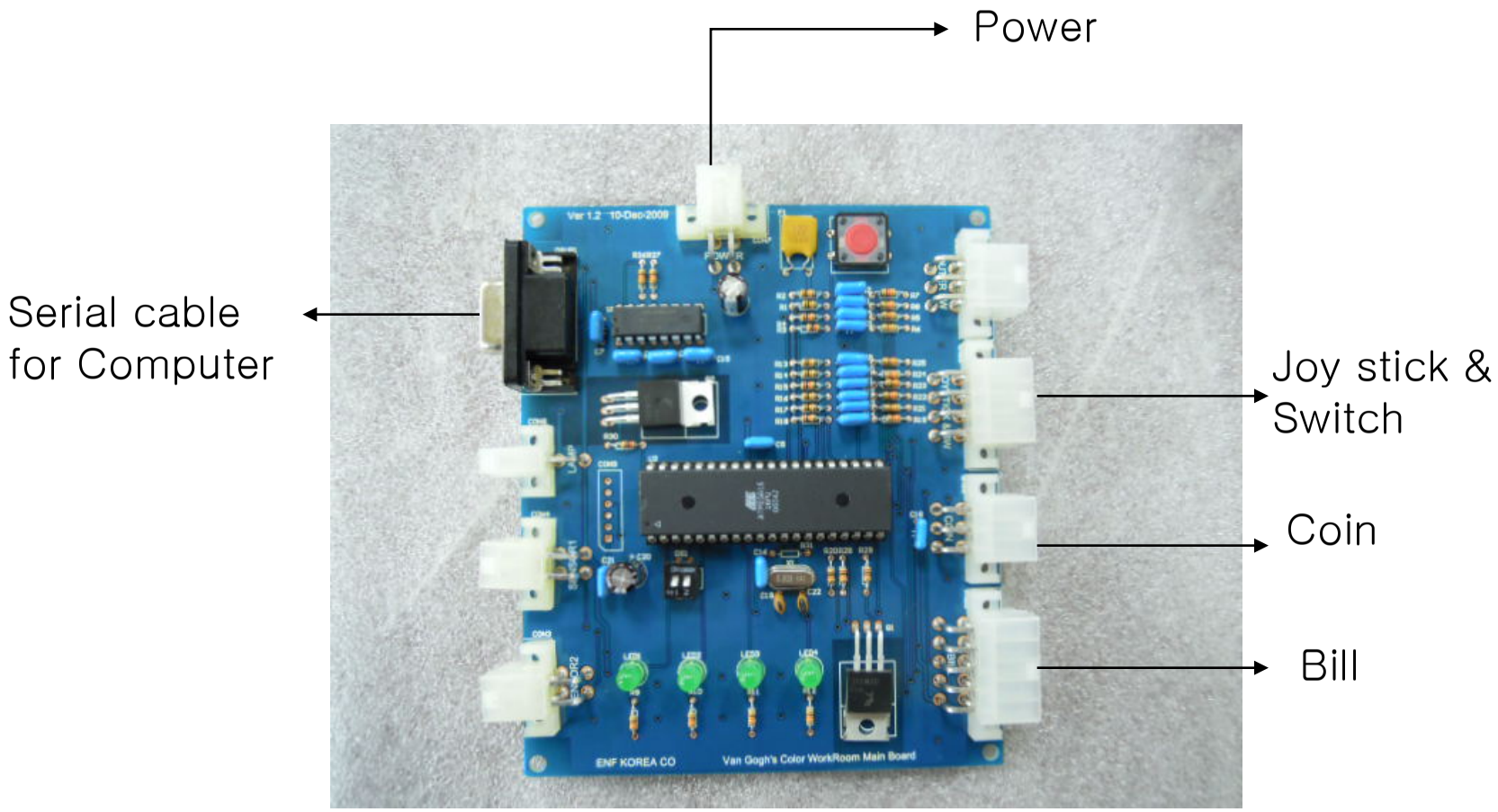
a) Check the background of the cabinet (blue color material), if the background is damaged the image will show spots. (If YES,. replace the background)

b) Do not install the machine in follow places:

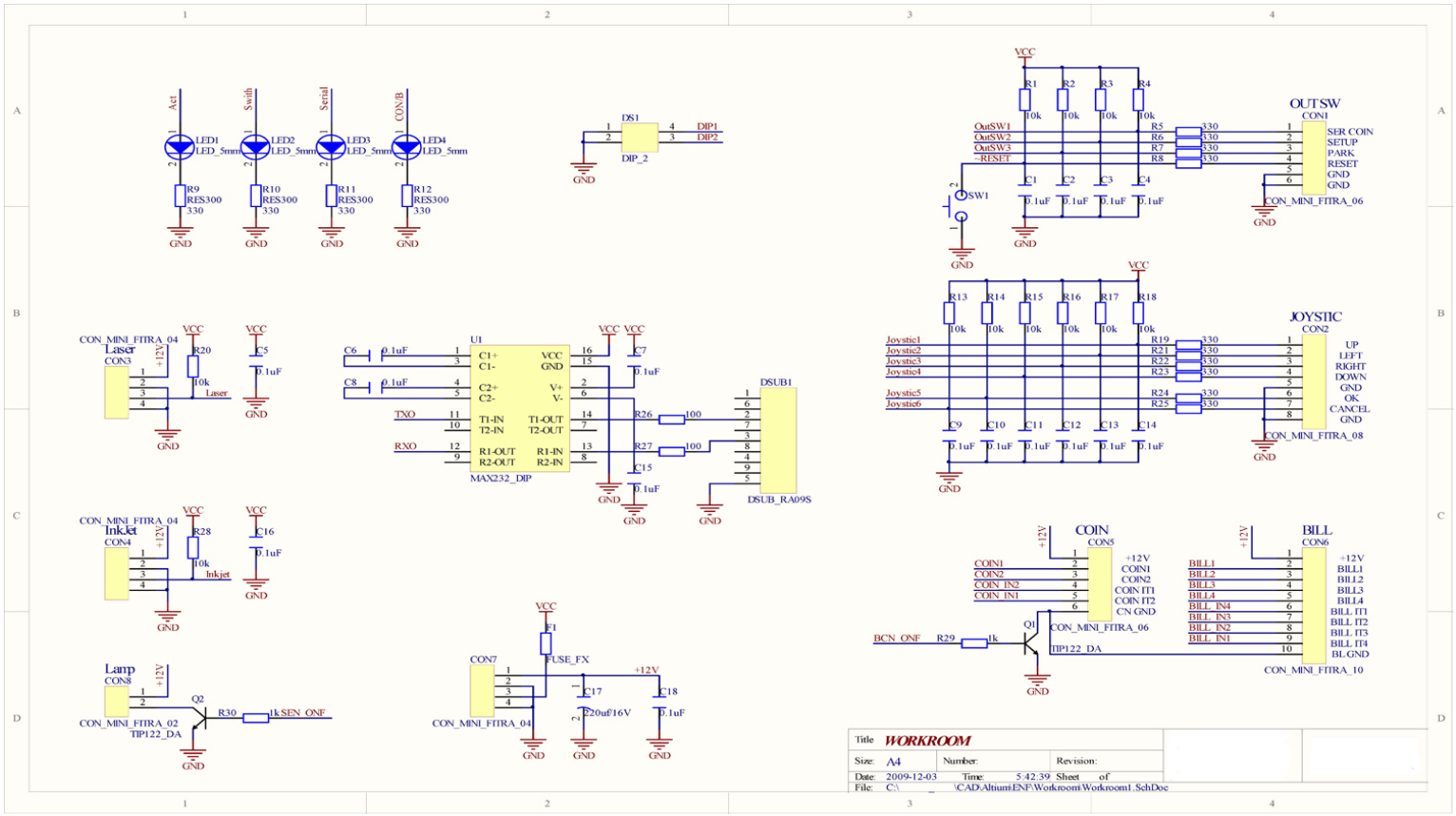
Direct light from the outside.

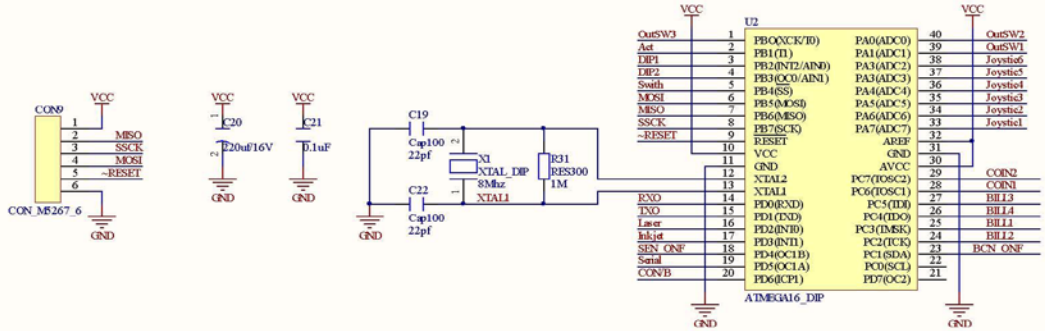
To strong light from the outside.

c) The spot also can be caused depending on the Blue Screen value you gave from the Setup menu.


Power
Serial cable
for Computer
Joy stick &
Switch
Coin
Bill
Ver 1.2 10-Dec-2009
ENF KOREA CO
Van Gogh's Color WorkRoom Main Board

Main Control Board Diagram





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Date: 2009-12-03		Sheet of
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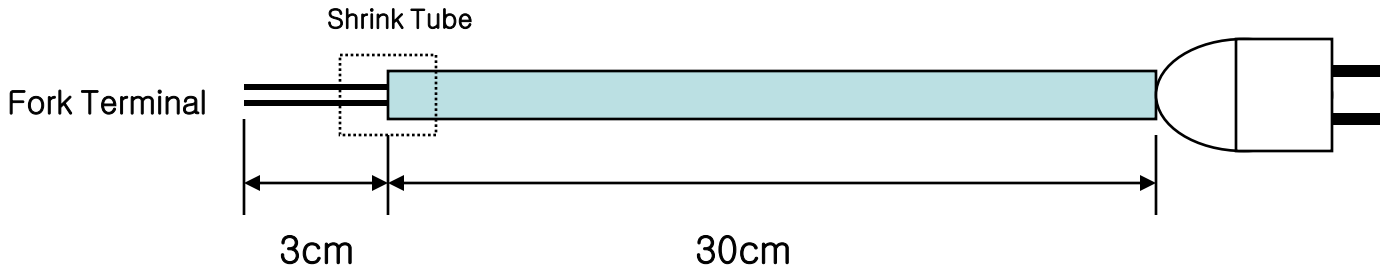
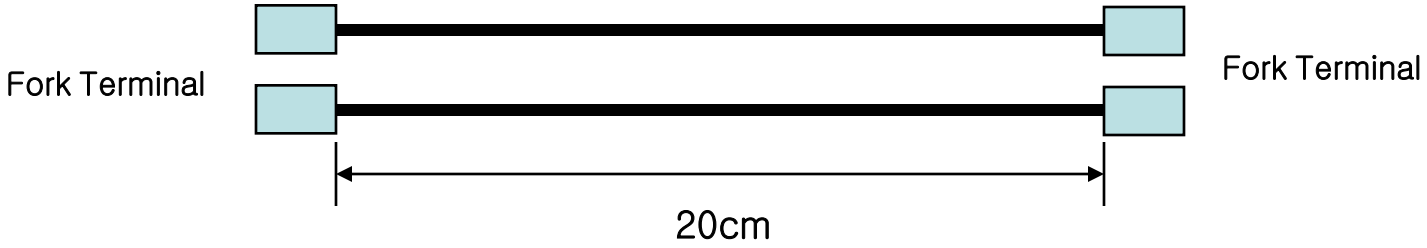
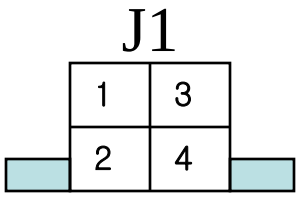
220V Plug



SMPS 220V Wire

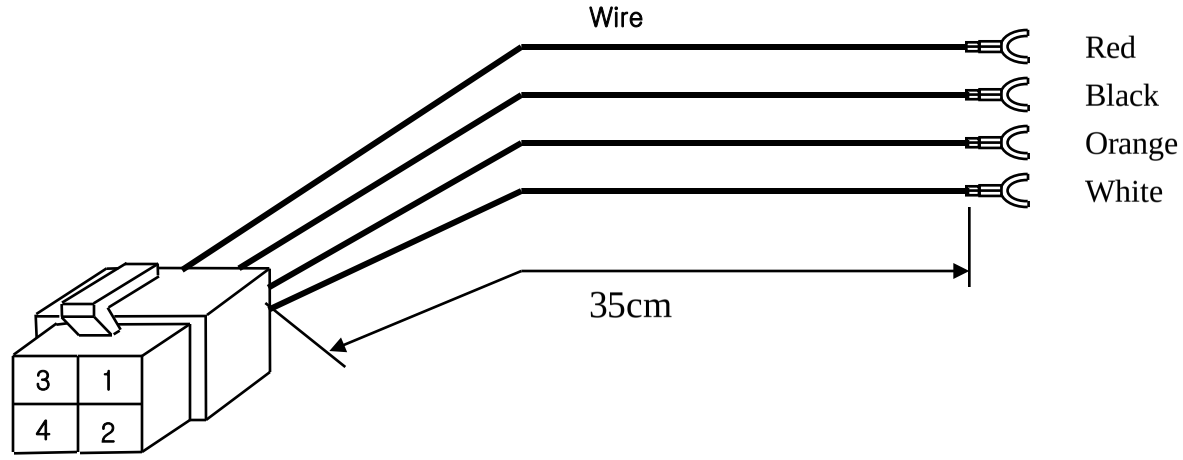


[POWER]



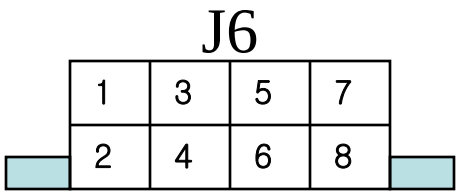
Molex : 5569-04

1	+12V	Red
2	GND	Black
3	+5V	Orange
4	FND	White



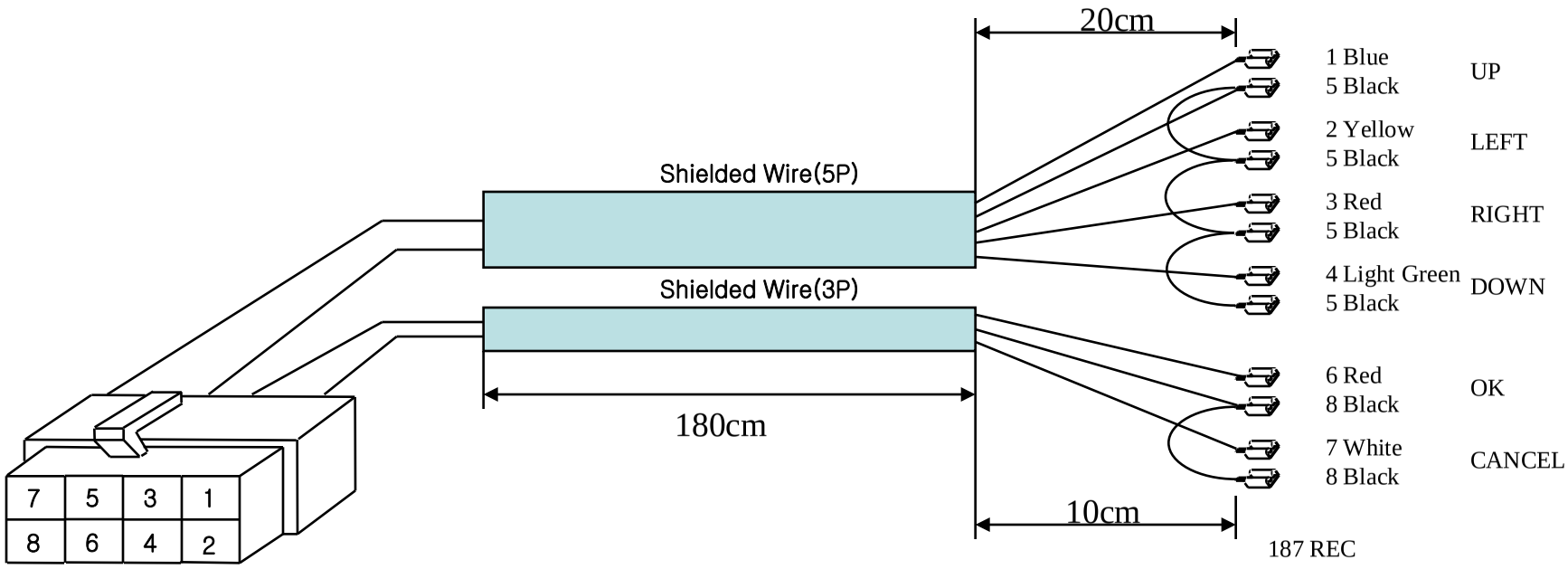
Molex : 5557-04

[JOYSTIC & SWITCH]



Molex : 5569-08

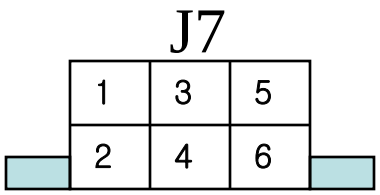
1	UP	Blue
2	LEFT	Yellow
3	RIGHT	Red
4	DOWN	Light Green
5	GND	Black
6	OK	Red
7	CANCEL	White
8	GND	Black



187 REC

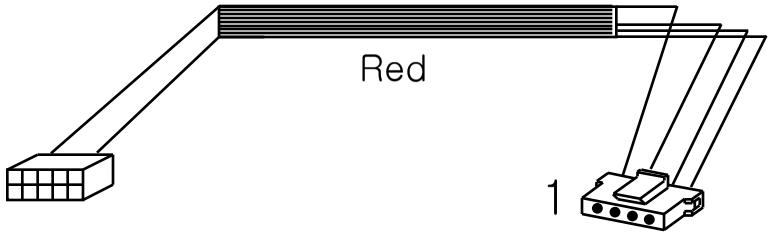
Molex : 5557-08

[COIN]



Molex : 5569-06

1	+12V	Red
2	COIN IN1	White
3	COIN IN2	Green
4	COIN INHIBIT1	
5	COIN INHIBIT2	
6	COIN POWER(GND)	Black

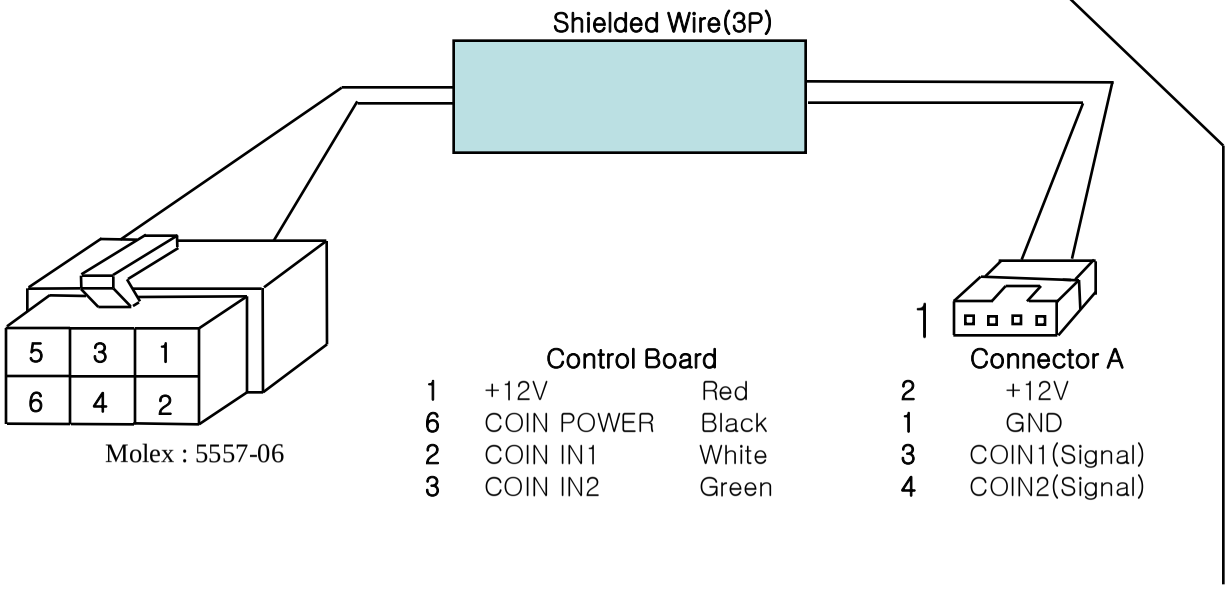


Coin Mech

1	
2	
3	
10	

Connector B

1	COIN2(Signal)
2	COIN1(Signal)
3	+12V
4	GND



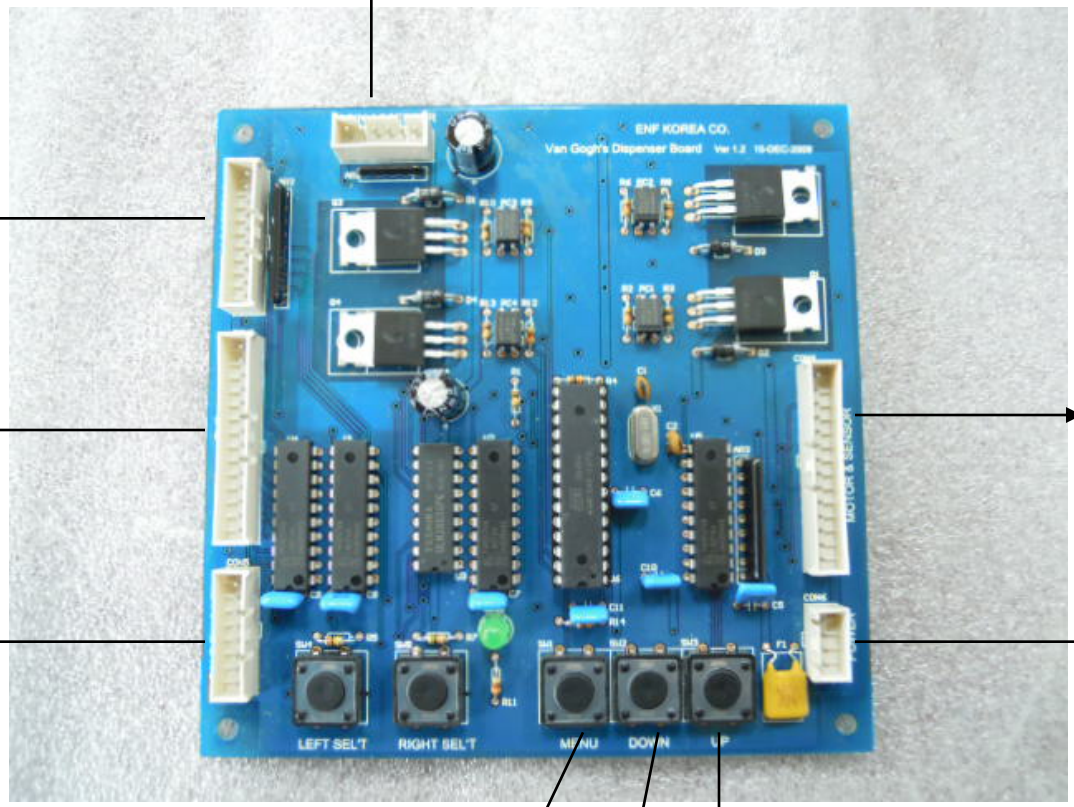
Molex : 5557-06

Control Board

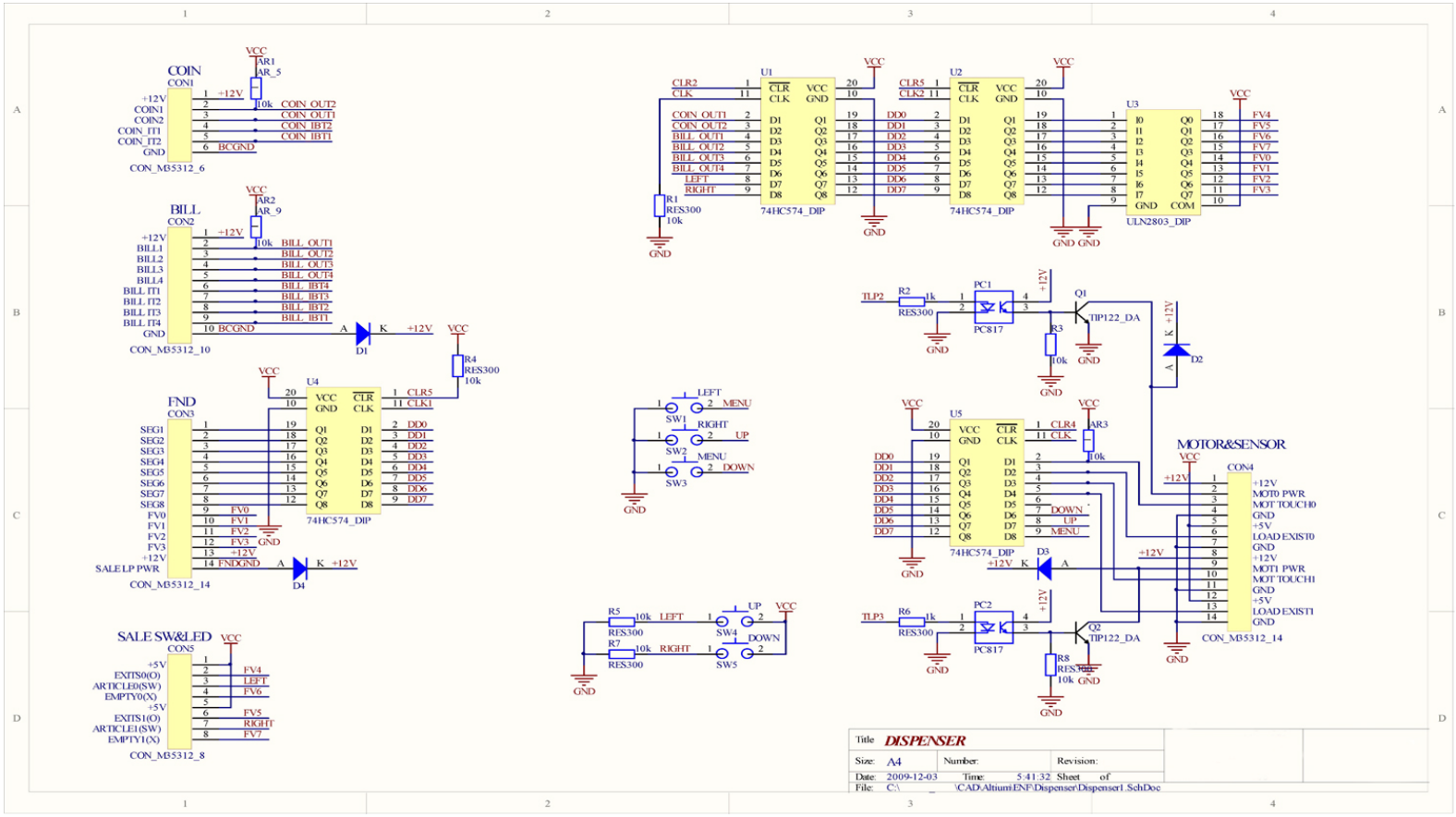
1	+12V	Red
6	COIN POWER	Black
2	COIN IN1	White
3	COIN IN2	Green

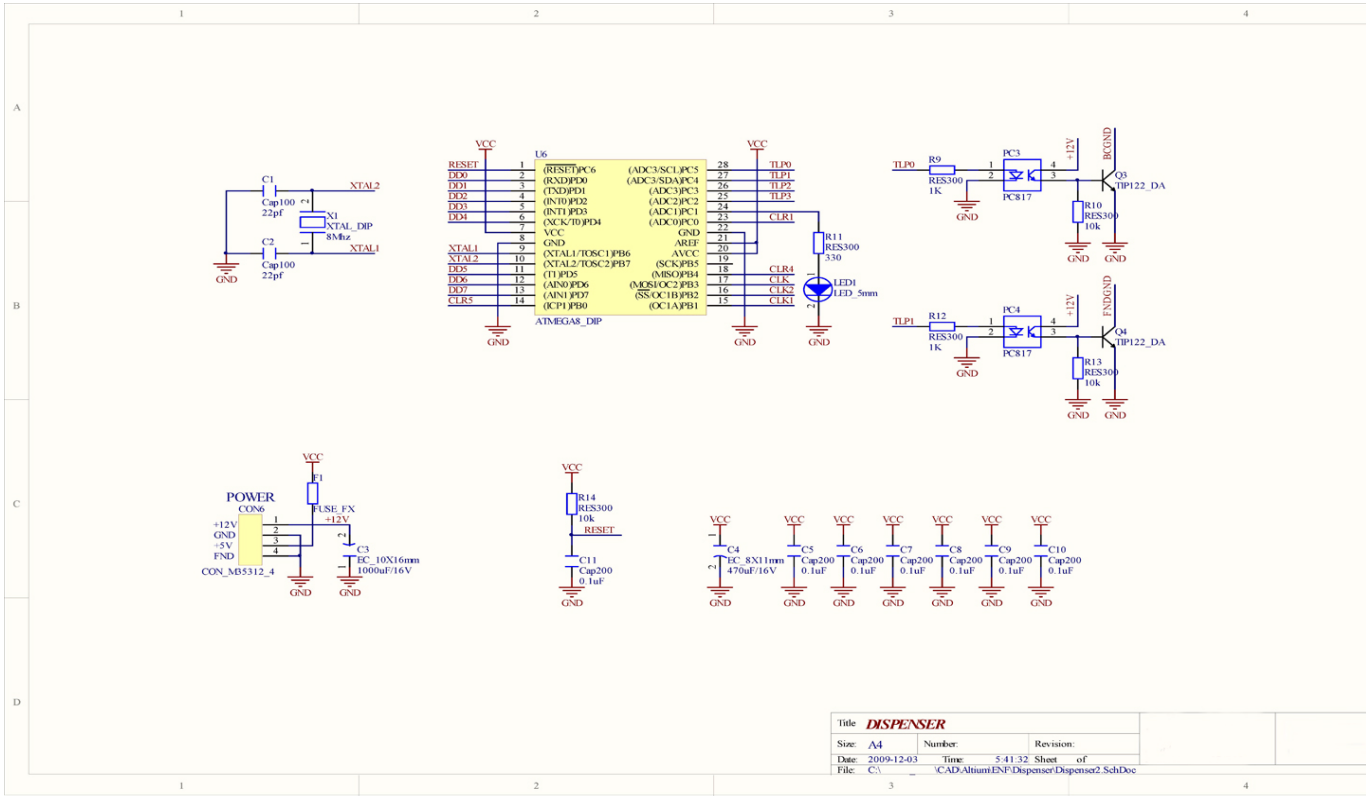
Connector A

2	+12V
1	GND
3	COIN1(Signal)
4	COIN2(Signal)


Coin
Bill Acceptor
FND
Sale SW & LED
Motor & Sensor
Power
ENF KOREA CO.
Van Gogh's Dispenser Board
LEFT SEL'T
RIGHT SEL'T
MENU
DOWN
UP
Up Button : For changing vending price up (After menu button)
Down Button : For changing vending price down (After menu button)
Menu Button : For selection of the setting vending price (Large key ring or Small key ring)

Dispenser Board Diagram





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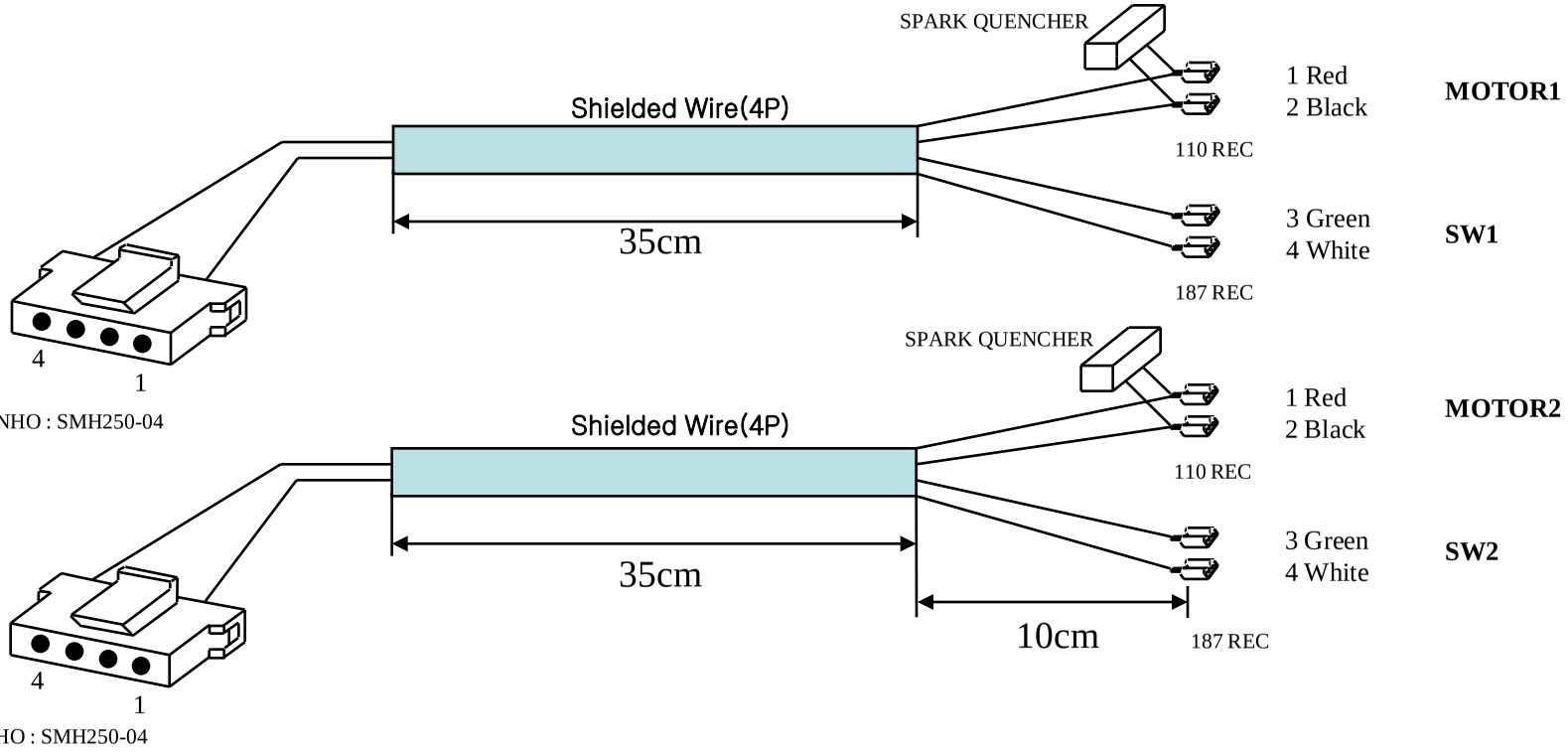
File:	C:\...\CAD\AltiumENF\Dispenser\Dispenser2.SchDoc		

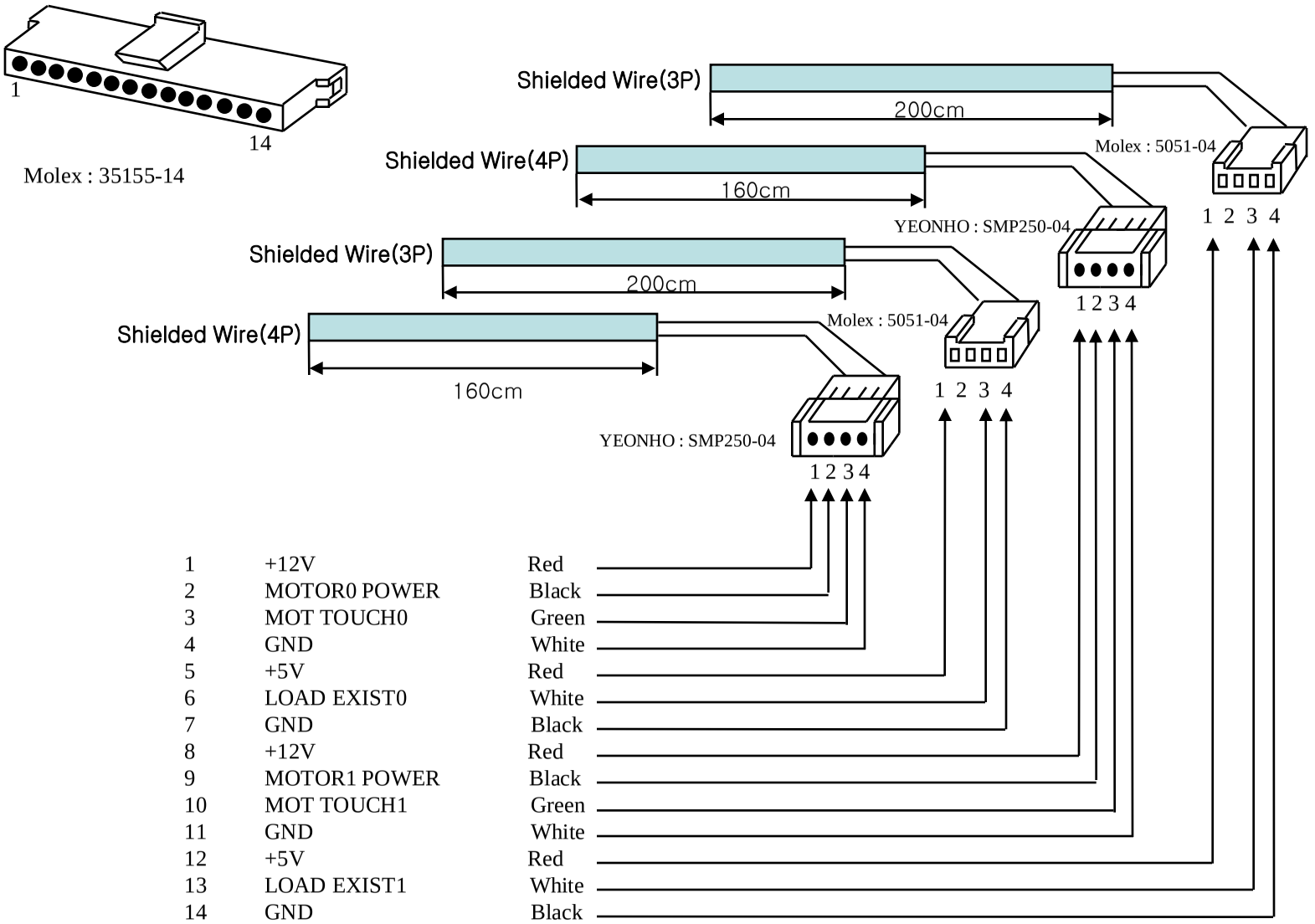
[MOTOR & SENSOR]

J2

Molex : 35312-14

1	+12V	Red
2	MOTOR0 POWER	Black
3	MOT TOUCH0	Green
4	GND	White
5	+5V	Red
6	LOAD EXIST0	White
7	GND	Black
8	+12V	Red
9	MOTOR1 POWER	Black
10	MOT TOUCH1	Green
11	GND	White
12	+5V	Red
13	LOAD EXIST1	White
14	GND	Black



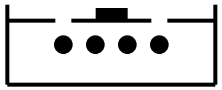


1	+12V	Red
2	MOTOR0 POWER	Black
3	MOT TOUCH0	Green
4	GND	White
5	+5V	Red
6	LOAD EXIST0	White
7	GND	Black
8	+12V	Red
9	MOTOR1 POWER	Black
10	MOT TOUCH1	Green
11	GND	White
12	+5V	Red
13	LOAD EXIST1	White
14	GND	Black

Key Ring Dispenser

[POWER]

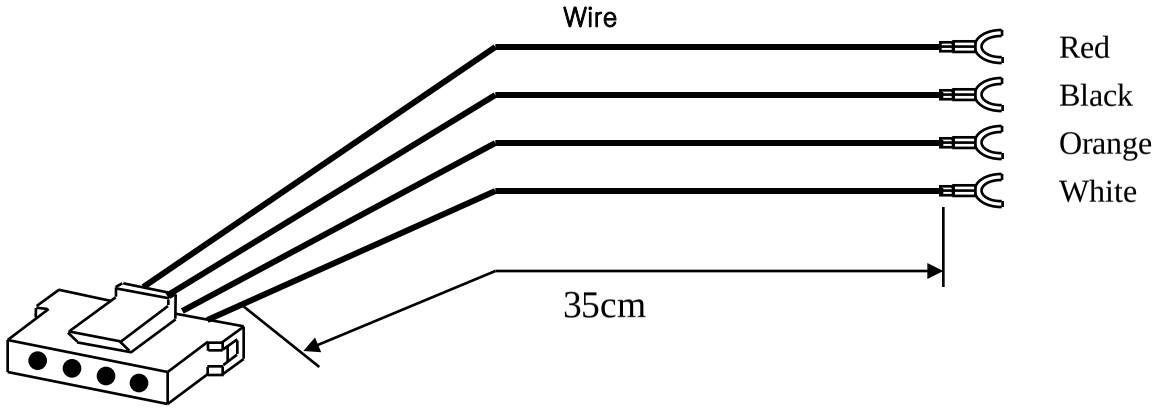
J3



4 1

Molex : 35312-04

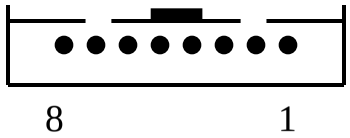
1	+12V	Red
2	GND	Black
3	+5V	Orange
4	FND	White



Molex : 35155-04

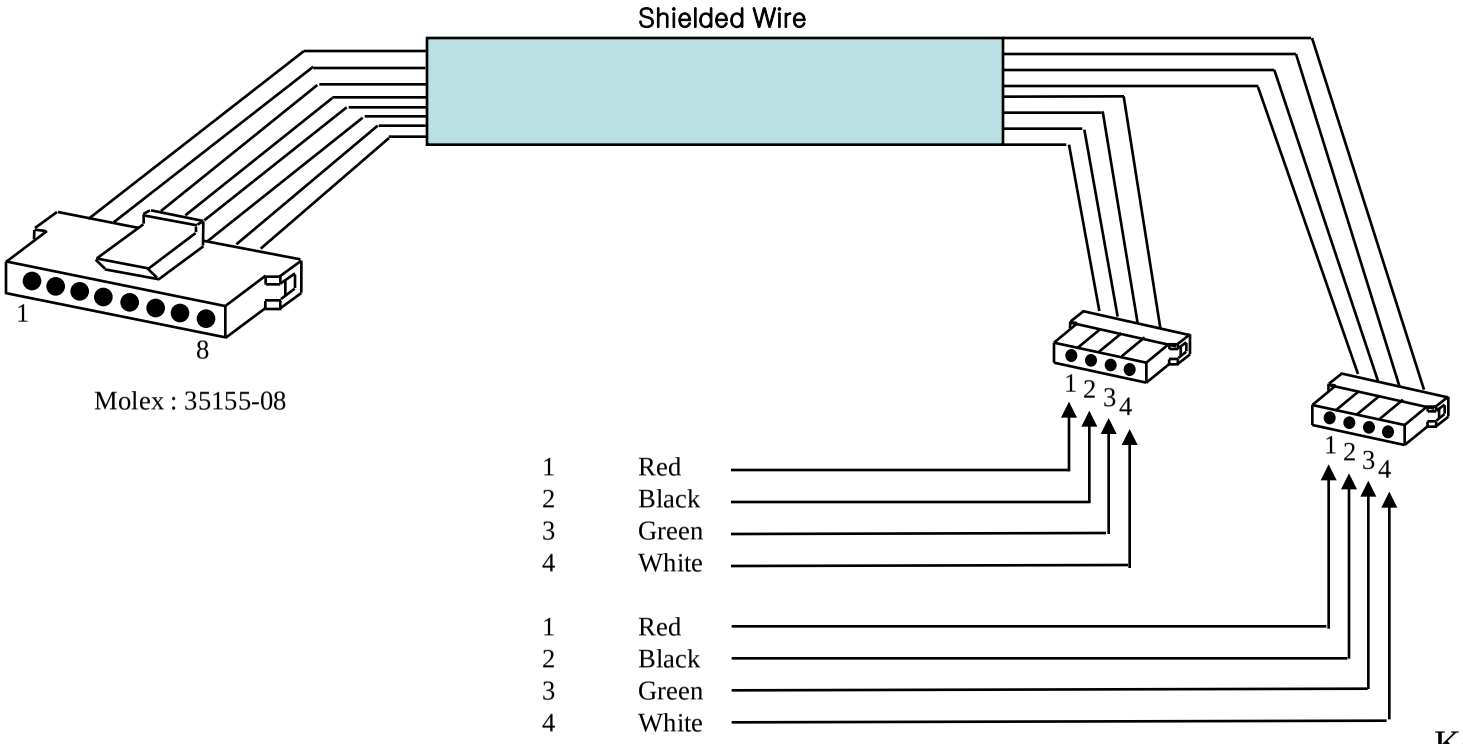
[SALE SWITCH & LED]

J4



Molex : 35312-08

1	+5V	Red
2	EXIST0 (O)	Black
3	ARTICLE0 (SW)	Green
4	EMPTY0 (X)	White
5	+5V	Red
6	EXIST1 (O)	Black
7	ARTICLE1 (SW)	Green
8	EMPTY1 (X)	White



Molex : 35155-08

Key Ring Dispenser

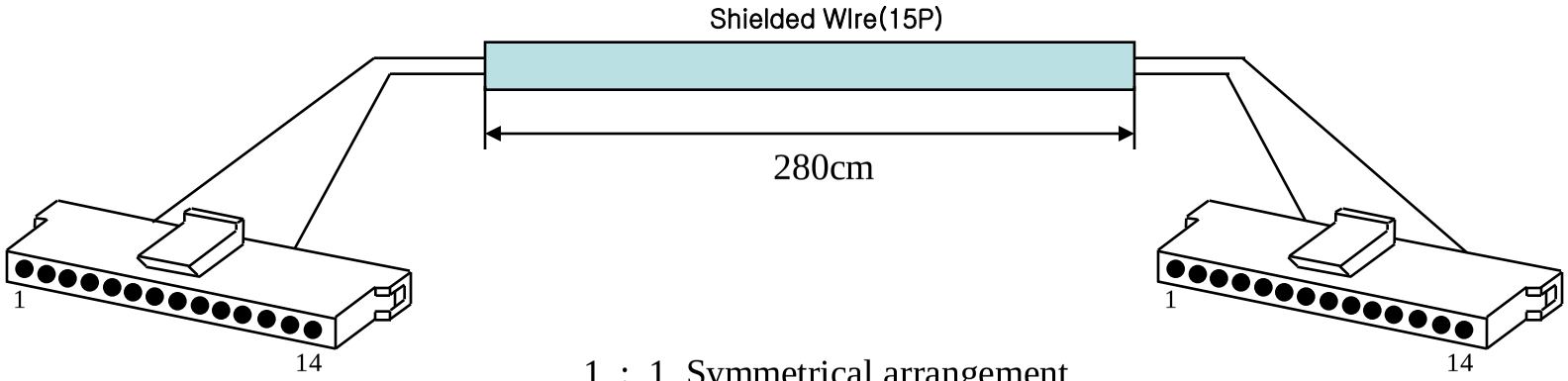
[FND]

J7

14 1

Molex : 35312-14

1	SEN1	Brown
2	SEN2	Orange
3	SEN3	Yellow
4	SEN4	Green
5	SEN5	Blue
6	SEN6	Purple
7	SEN7	Gray
8	SEN8	White
9	V0	Pink
10	V1	Light Blue
11	V2	Light Green
12	V3	White with Black line
13	+12V	Red
14	SALE LAMP POWER	Black



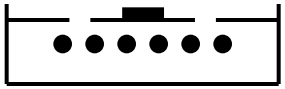
1 : 1 Symmetrical arrangement

Molex : 35155-14

Molex : 35155-14

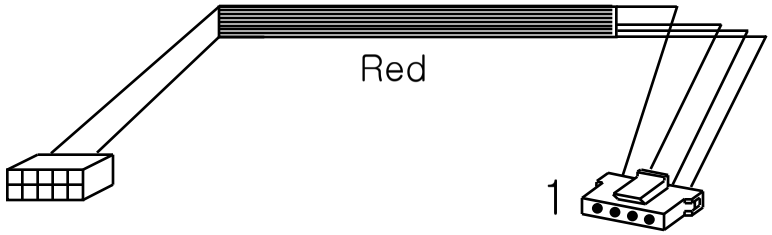
[COIN]

J6



Molex : 35312-06

1	+12V	Red
2	COIN IN1	White
3	COIN IN2	Green
4	COIN INHIBIT1	
5	COIN INHIBIT2	
6	COIN POWER(GND)	Black



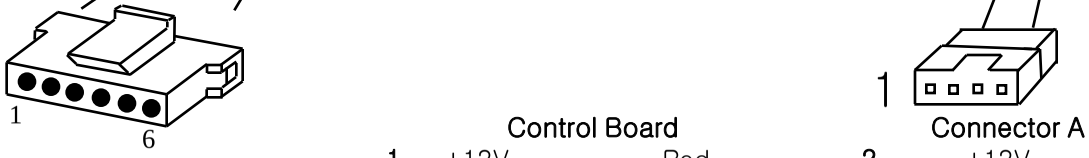
Coin Mech

1	
2	
3	
10	

Connector B

1	COIN2(Signal)
2	COIN1(Signal)
3	+12V
4	GND

Shielded Wire(3P)



Molex : 35155-06

Control Board

1	+12V	Red
6	COIN POWER	Black
2	COIN IN1	White
3	COIN IN2	Green

Connector A

2	+12V
1	GND
3	COIN1(Signal)
4	COIN2(Signal)

FOR ALL SPARES & REPAIRS CONTACT

TELEPHONE:

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