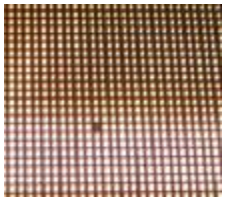
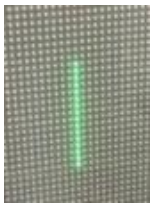
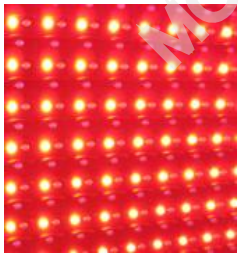
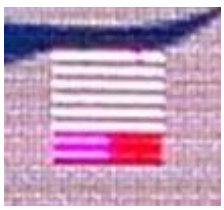
| | Phenomenon | Analysis | Solution |
|---|---|---|---|
| Module malfuntion | Dead Pixel  | Dead pixel | Change the dead pixel |
| | | Cold solder joint | Resolder |
| | | Pad peel off | Return to depot |
| | | PCB open circuit | Return to depot |
| | A string of pixel is always on  | LED short circuit | Fix short circuit |
| | | LED malfuntion | Change the LED |
| | A string of pixel lack color | IC cold solder joint | Resolder |
| | | IC malfuntion | Return to depot |
| | | PCB open circuit | Return to depot |
| | Single/multi-line of pixel are off | IC4953 malfuntion | Check cold solder joint or Change IC |
| | | IC138 malfuntion | Check cold solder joint or Change IC |
| | Single/multi-line of pixel missing color  | Signal connector cold solder joint | Resolder |
| | | IC malfuntion | Check cold solder joint or Change IC |
| | | PCB open circuit | Return to depot |
| | | Flat cable (signal cable) malfuntion | Change Flat cable (signal cable) |
| | The whole module is off/unnormal  | Flat cable (signal cable) malfuntion | Change Flat cable (signal cable) |
| | | Power connector damage/malfunction | Reconnect or return to depot |
| | | Module malfuntion | Change Module |
| | | Module signal input malfuntion | Change Module |
| | | Module signal output malfuntion | Change Module |

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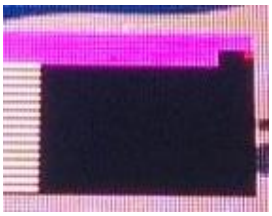
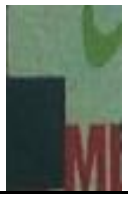
| | | | |
|---|---|---|---|
| Cabinet malfuntion | One line or some modules of one line are off/unnormal | Module signal input malfuntion | Change Module |
| | | Module signal output malfuntion | Change Module |
| | | Flat (signal cable) cable malfuntion | Change Flat cable (signal cable) |
| | | HUBcard malfuntion | Change HUBcard |
| | One cabinet is off/lack color  | HUBcard problem | Change HUBcard |
| | | Receiver card malfunction | Change receiver card |
| | | Power supply for receiver card malfunction | Change power supply |
| | Two rows or more modules are off  | Power supply malfuntion | Change power supply |
| | One single cabinet is unnormal | Receiver card problem | Reload the backup file/ Change receiver card |
| | Some cabinets have | LEDs/modules/cabinets from different batches | Use the same batch |
| | | Calibration problem | Restart calibration |
| | | Brightness problem | Reset the brightness |
| | | Different kernel version of receiver card | Upgrade the kernel |
| | The whole display is off | Main power distribution malfuntion | Check the main power distribution |
| | | PC malfuntion | Repair or change the PC |
| | | Display card problem | Reset or Change the Display card |
| | | DVI cable malfuntion | Change DVI cable |

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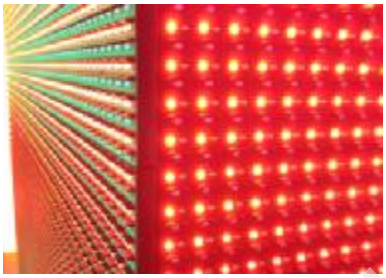
| | | | |
|---|---|---|---|
| The whole display malfuntion | | Video processor malfuntion | Change video processor |
| | | Sender card malfuntion | Change sender card |
| | | Main CAT5 cable malfuntion | Change main CAT5 cable |
| | | Fiber convertor malfuntion | Change fiber convertor |
| | | Fiber malfuntion | Change fiber |
| | | Multifuntion card malfuntion | Change mult-funtion card |
| | | The first receiver card malfuntion | Change the first receiver card |
| | | Display was truned off in the software | Turn on the display in the software |
| | Color missing for whole display  | PC malfuntion | Repair or change the PC |
| | | Display card problem | Reset or Change display card |
| | | DVI cable malfuntion | Change DVI cable |
| | | Video processor malfuntion | Change video processor |
| | | Sender card malfuntion | Change sender card |
| | Some cabinets are off | CAT5 cable malfuntion | Change CAT5 cable |
| | | Receiver card malfuntion | Change receiver card |
| | | Power supply for receiver card malfuntion | Change power supply |
| Software problem | WIN8 prompt: unable to register when you run the installer | Run the installer as administrator | |
| | Can't run the software | 1.Reinstall the software<br>2.Please install Framework 2.0 or above<br>3.Virus attack（Rerun Recover.reg in the installation directory） | |
| | Software prompt: Can't find the system | Check connection of the USB cable or Change it | |
| | All cabinet display unnormal after sent the backup file | Check whether the setup file is for this project or not | |

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