

VS04

VIDEO SYSTEM

www.comsight.cn

1. Hardware Introduction



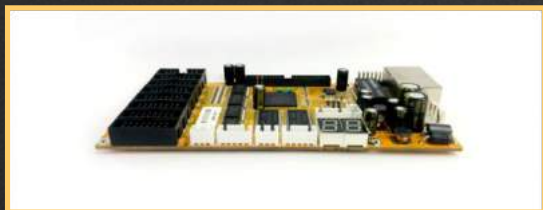
Transmitting Box (front)



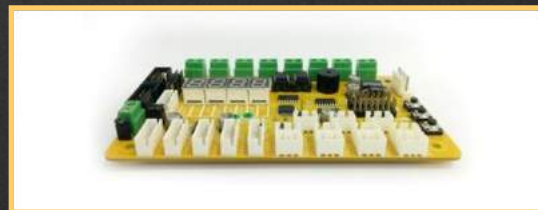
Transmitting Box (back)



Receiving Box



Scan Card

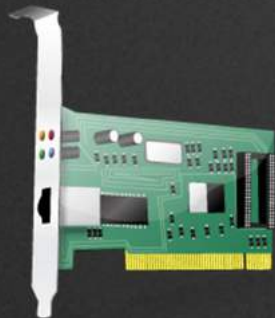


Monitor Card

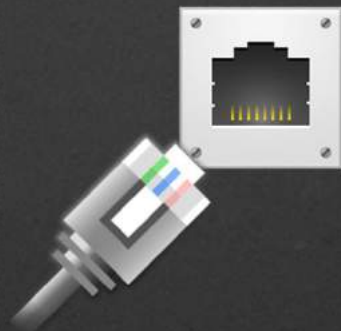


Fan Control Card

2.1 Fully-upgraded system:



Gigabit (1000M)
network technology



Support hot-plugging

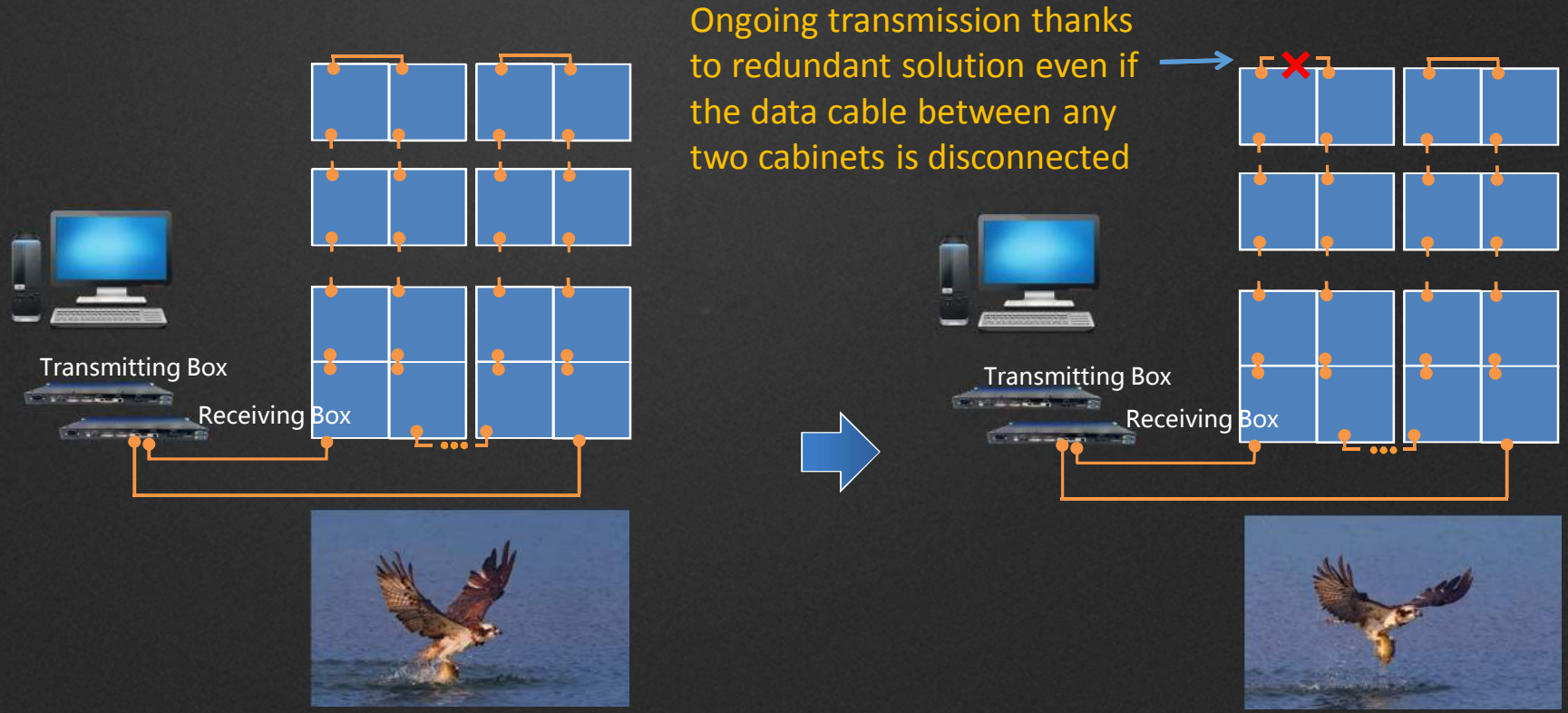


EMC compliance

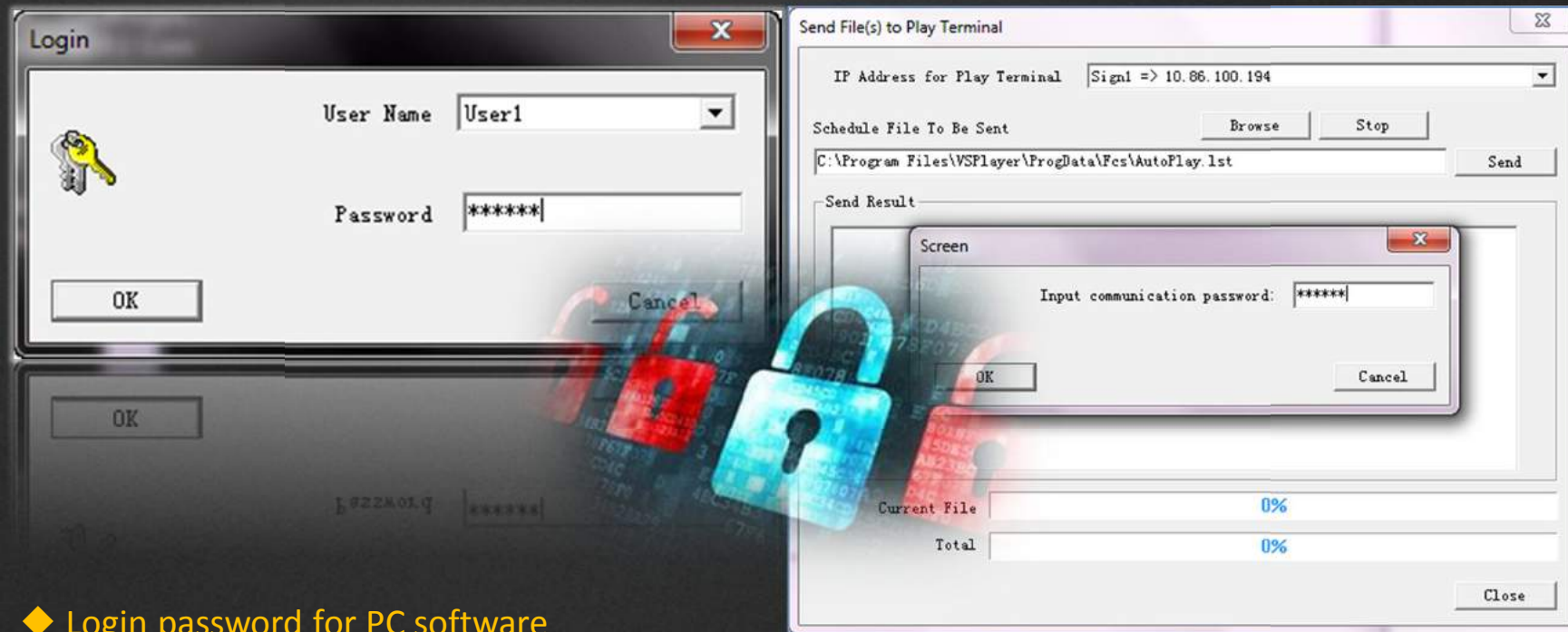


Support direct connection by
twisted pair cable up to 100m

2.2 Redundant transmission (bidirectional):



2.3 Secure user access control and encrypted communication

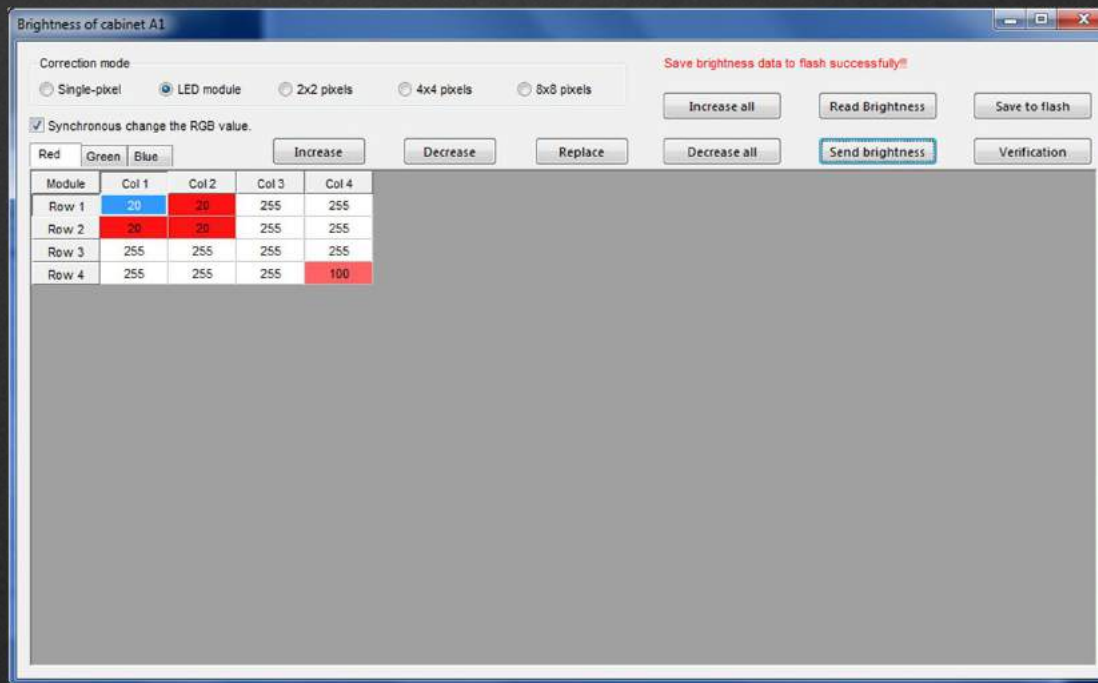


- ◆ Login password for PC software
- ◆ Communication security: password is requested each time for sending message
- ◆ Data source security: the display only accepts the data from the authorized PC
- ◆ SMS alarm to the defined operator after 3 trials wrong password (Optional)

Advanced NEW Features for VS04

2.4 Pixel-to-Pixel Calibration

- ◆ Brightness calibration for each single pixel
- ◆ Brightness calibration for unit block: each module, each 2*2pixels, each 4*4pixels, each 8*8pixels, each cabinet

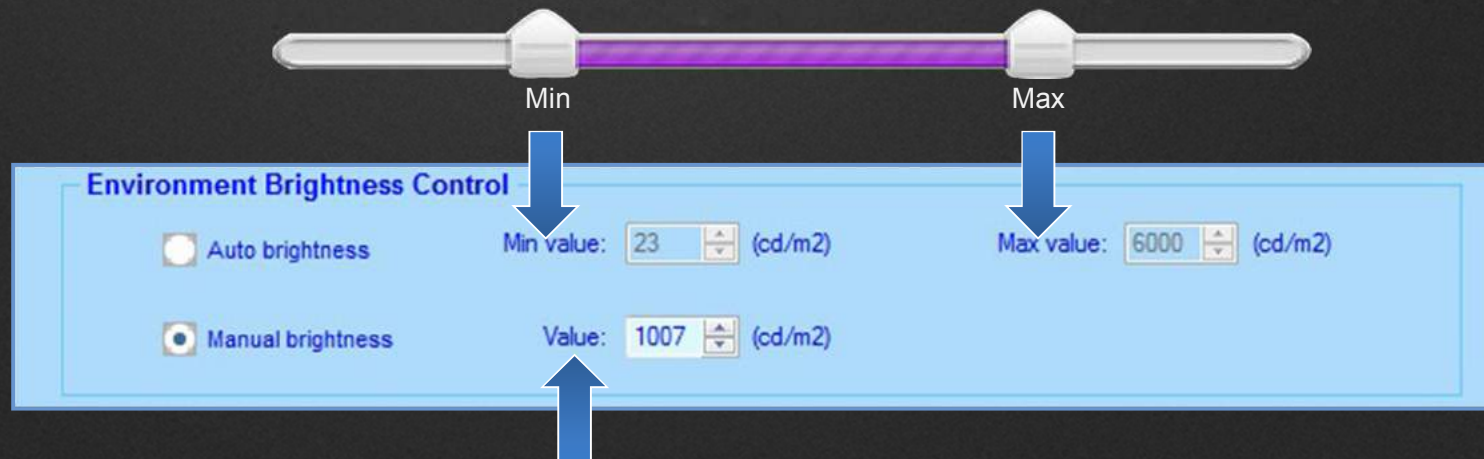


2.5 Dimmer control :

- ◆ Measure ambient brightness and automatically adjust LED intensity in 256 levels

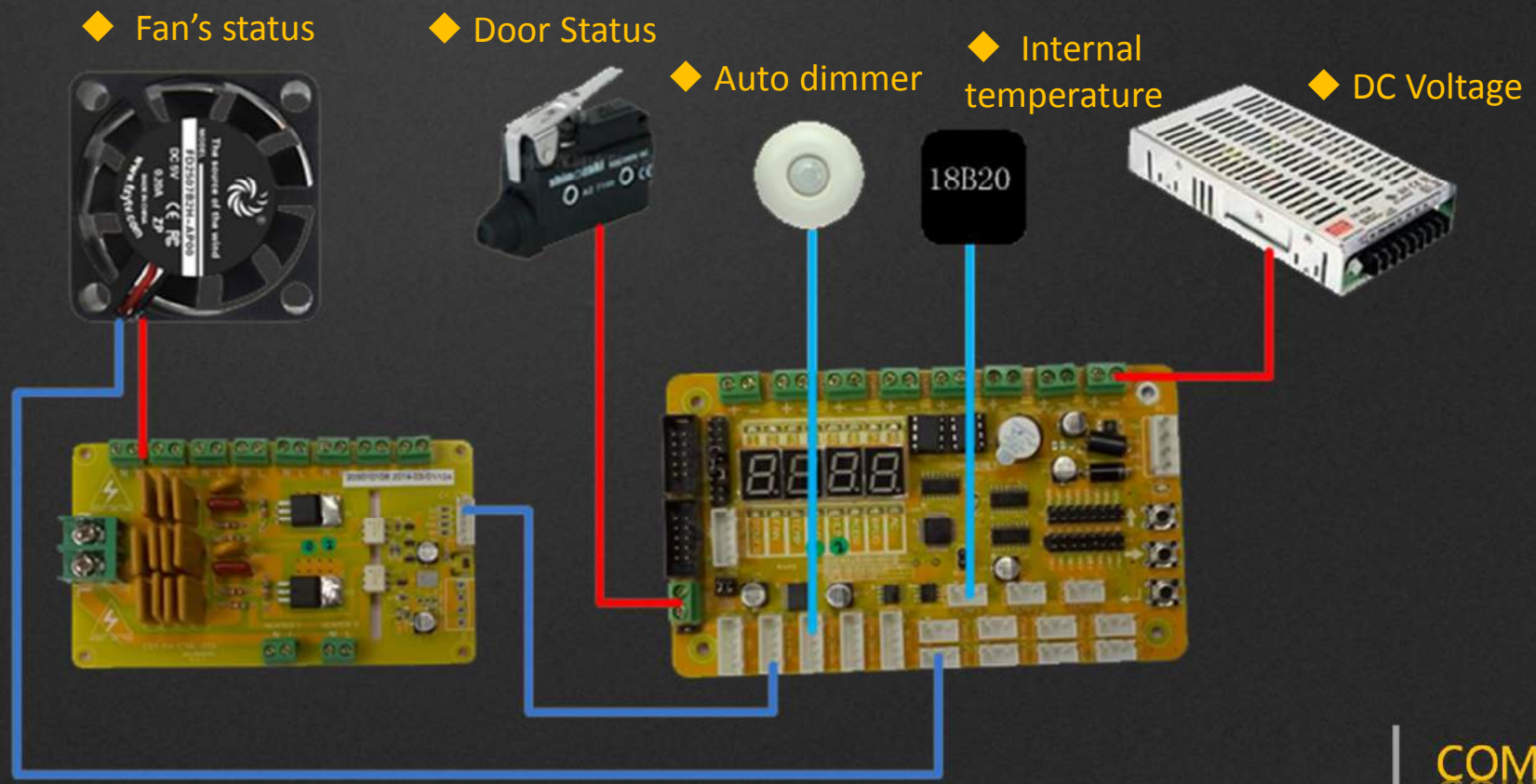


- ◆ In "Auto brightness" mode, manually set the min. & max. value to limit the dimming range



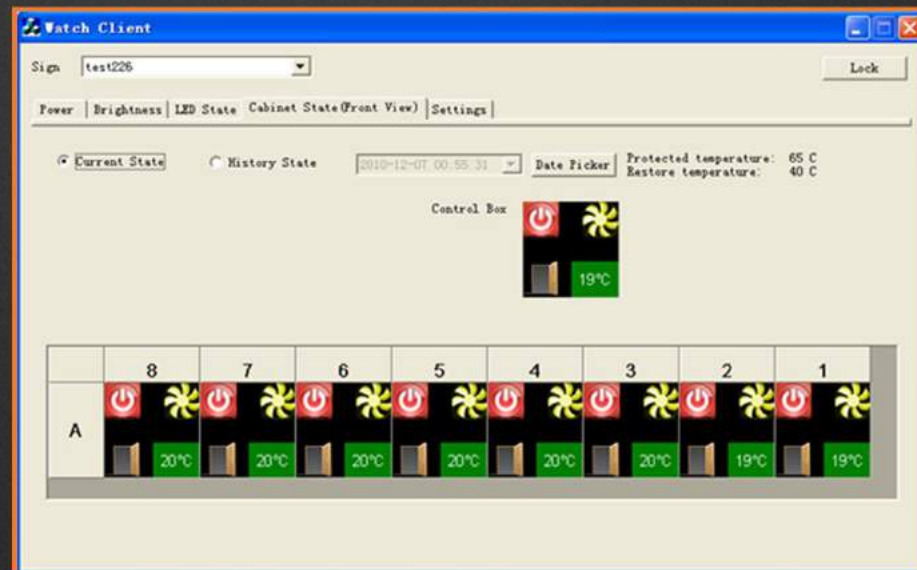
- ◆ Manual adjustment in 256 levels

2.6 Monitoring and diagnostics (optional functions):

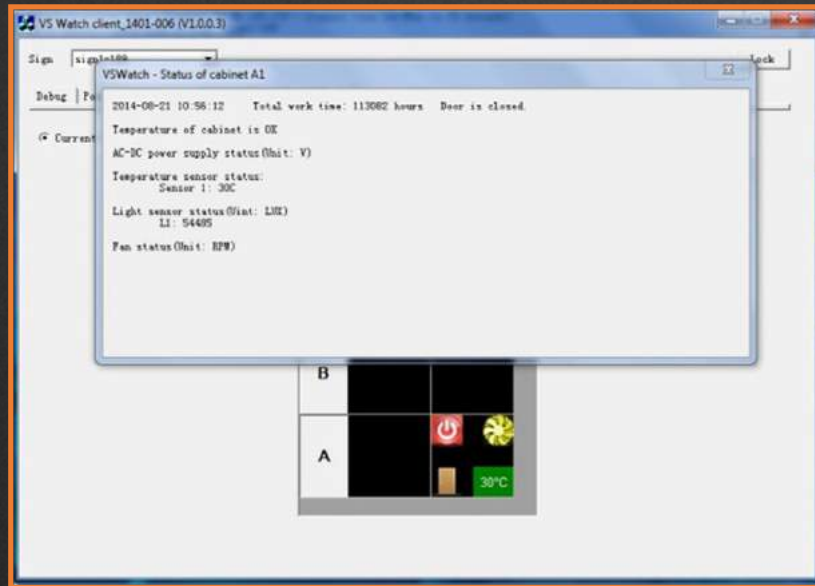


2.6.1 Monitoring and diagnostics (software interface):

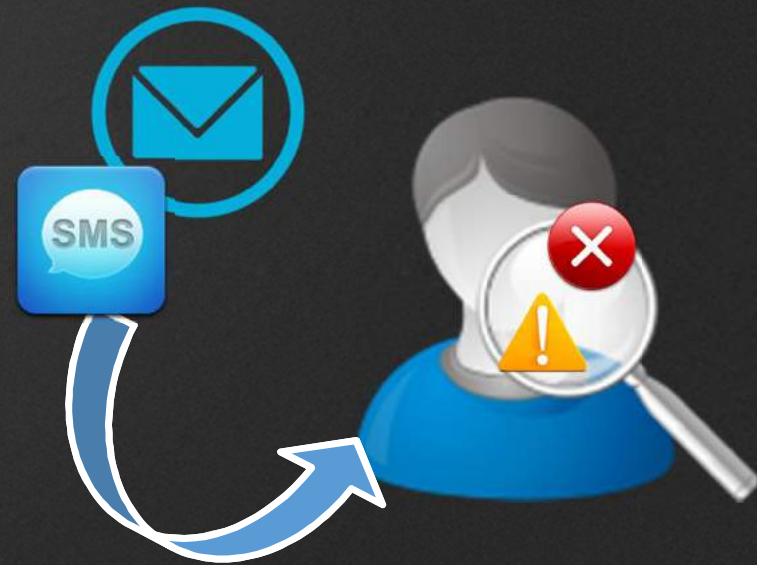
Monitoring and diagnostics for door status, temperature inside each cabinet, fans, power supplies



2.6.2 Monitoring and diagnostics (event logging & alarm):



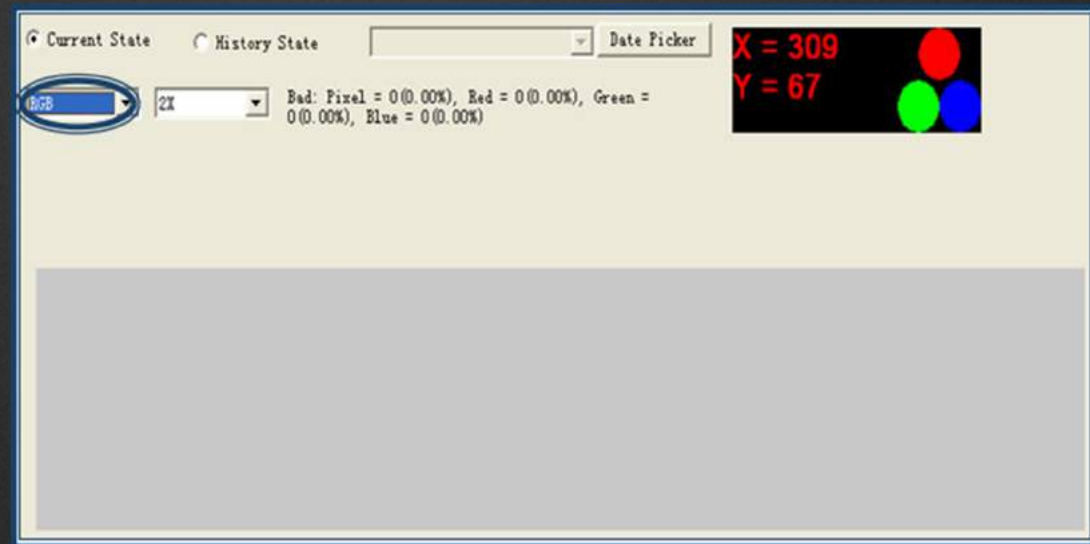
Event logging: timely record the status, easy to check history and locate the problem.



Alarm through SMS or Email for abnormal: overheat in cabinet, door open, malfunction etc.

2.7 Detection for each pixel and event logging (optional functions)

- ◆ Real-time inspect and record the open-circuit and short-circuit state of every LED
- ◆ Review the history state of every LED



2.8 Future-proof:

Comsight self-developed versatile and scalable system can be adapted to ever-growing demands



VSPlayer--Powerful and flexible Comisght Video Software

3.1 VSPlayer--Powerful and flexible Comisght Video Software

Ultra Pixel Resolution	H1152 x W2048pixels (special program up to W5095pixels)
Contents Displayed	<p>a. Normal files: Text files(*.TXT), Word files(*.RTF; *.DOC), Graphic files(*.BMP; *.JPG; *.WMF; *.ICO; *.PCX; *.GIF), Media files(*.AVI; *.MPG; *.MPEG; *.ASF; *.WMV; *.GIF; *.MOV; *.MP4), RealPlayer files(*.RM; *.RMVB), VCD/DVD file(*.DAT; *.VOB), Flash files(*.SWF).</p> <p>b. Special files: Rich Text file, Table, Database, Capture Video, DVD/VCD</p>
★Sport information	<p>★Support sport match information displaying;</p> <p>★Preset templates for the games of football, basketball, swimming, volleyball;</p> <p>★User can customize the template for displaying interface and console interface as per their individual demand;</p>
External Data Import	External Data import, such as temperature, humidity, noise level, brightness, extra text; User can edit their display formats;
★Seamless display	★Support seamless display
★One-key backup data	★"Distributing data" to one-key backup the whole displaying project (all files & schedule & settings will be saved as one file); "Import distributed data" to this file can one-key restore the whole displaying project;

VSPlayer--Powerful and flexible Comisght Video Software

3.2 VSPlayer--Powerful and flexible Comisght Video Software

★Comsight home-developed rich text editor:	<ul style="list-style-type: none"> ★Mixing input the characters of any language; ★Any combination for font size and text color; ★Unlimited height/width in editing for continuous left-to-right scrolling or up-to-down moving
Counter	Up/Down counting function and user-defined format
Time and Date Format	<ul style="list-style-type: none"> a. Support to display time as digit clock and analog clock; b. User-defined time and date formats; c. User-defined language for time and date;
Real Temperature Format	3 kinds of temperature format: Celsius(°C), Fahrenheit(F) or Kelvin(K)
Overlay Ticker Bar	Support to edit and display overlay ticker bar; the text's scrolling on overlay ticker bar is extremely smooth;
Program Schedule	<ul style="list-style-type: none"> a. Support instant schedule file to easily display the urgent information instantly b. Support timer schedule file to control task playing time by period and week; c. Support sequence schedule file; d. 0~9 levels priority for each task

VSPayer--Powerful and flexible Comisght Video Software

3.3 VSPayer--Powerful and flexible Comisght Video Software

Multiple Windows	<ul style="list-style-type: none"> a. Multiple windows and running independently; b. Allow to set the playing times and time for each window, and each file in the window can be controlled independently(useful for advertising company)
Timing Turn on/off	Timing restart / turn off the controlling computer; Timing stop display.
Remote control	<ul style="list-style-type: none"> a. remote control the start, pause, stop, displaying content on the play terminal; b. send the schedule list file to the play terminal; c. read back the all the played files on the play terminal; d. monitor the current displaying content (file for each window) on the play terminal; e. remote delete non-current displaying files f. remote set timing for the PC of play terminal to turn off g. remote update the software for the play terminal
Preview	<p>WYSIWYG (what you see is what you get);</p> <p>Convenient preview function to check the effect;</p> <p>Support to edit and preview under zoom in model (special useful for small resolution display)</p>

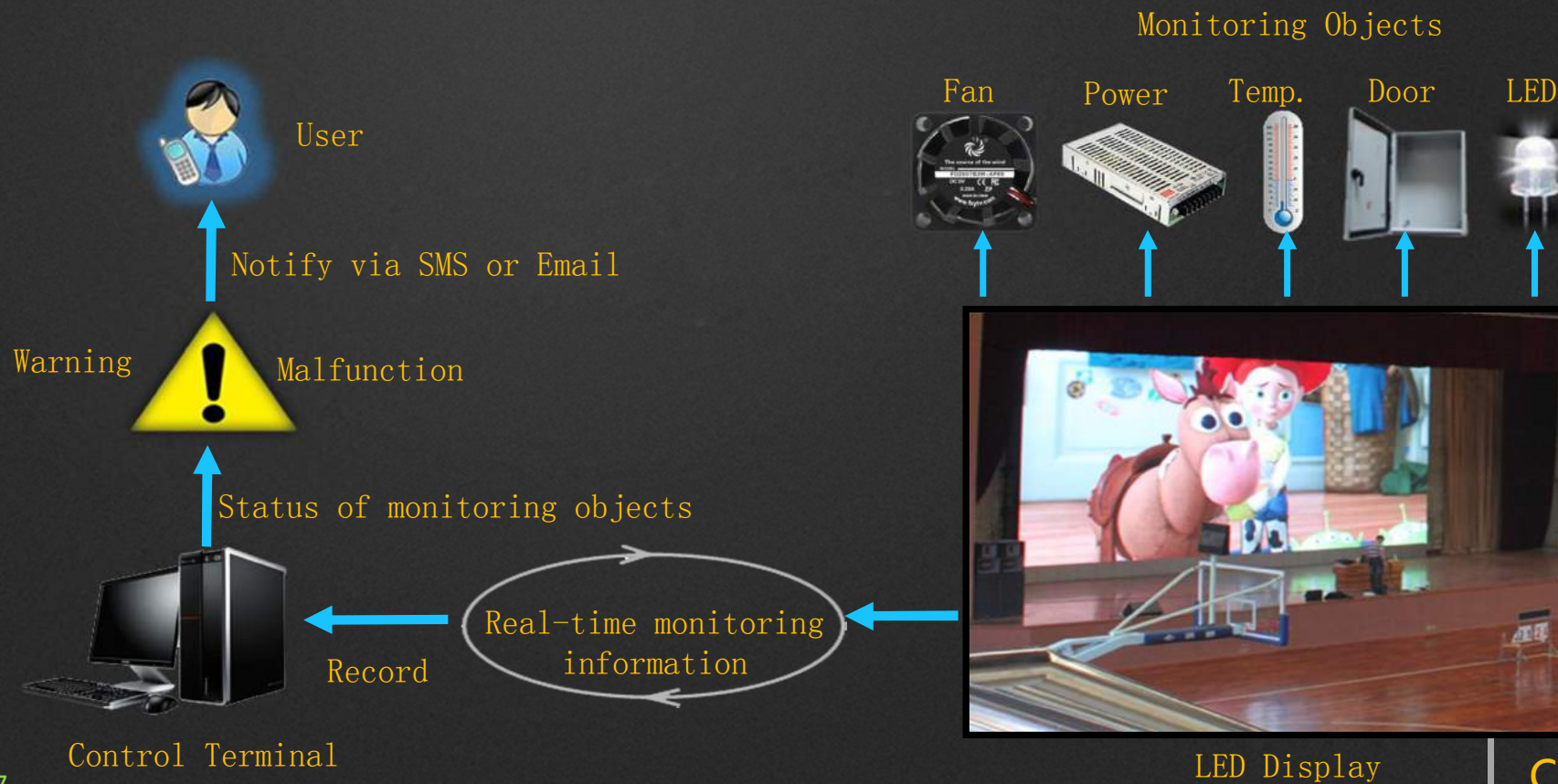
VSPayer--Powerful and flexible Comisght Video Software

3.4 VSPayer--Powerful and flexible Comisght Video Software

Backstage operation	Support backstage editing
Varied Displaying Method	22 kinds of displaying method; 9 kinds of moving speed; Set pause time freely;
Language & Fonts	<ul style="list-style-type: none"> a. Support English, Chinese, Arabic and most of the world language input (User need to install the corresponding language pack) , especially Arabic can be supported perfectly; b. All fonts supported by Microsoft Windows (Perfect support for Arabic fonts); c. Support hollow fonts (Font should be large enough)
Language of software interface	Software interface supports multi-language (English, Chinese, Germany; if other language; user needs to translate the files.)
Keyword filter	Support keyword filter function
Other Special Functions	Support background music, background picture integrated management for power distributor

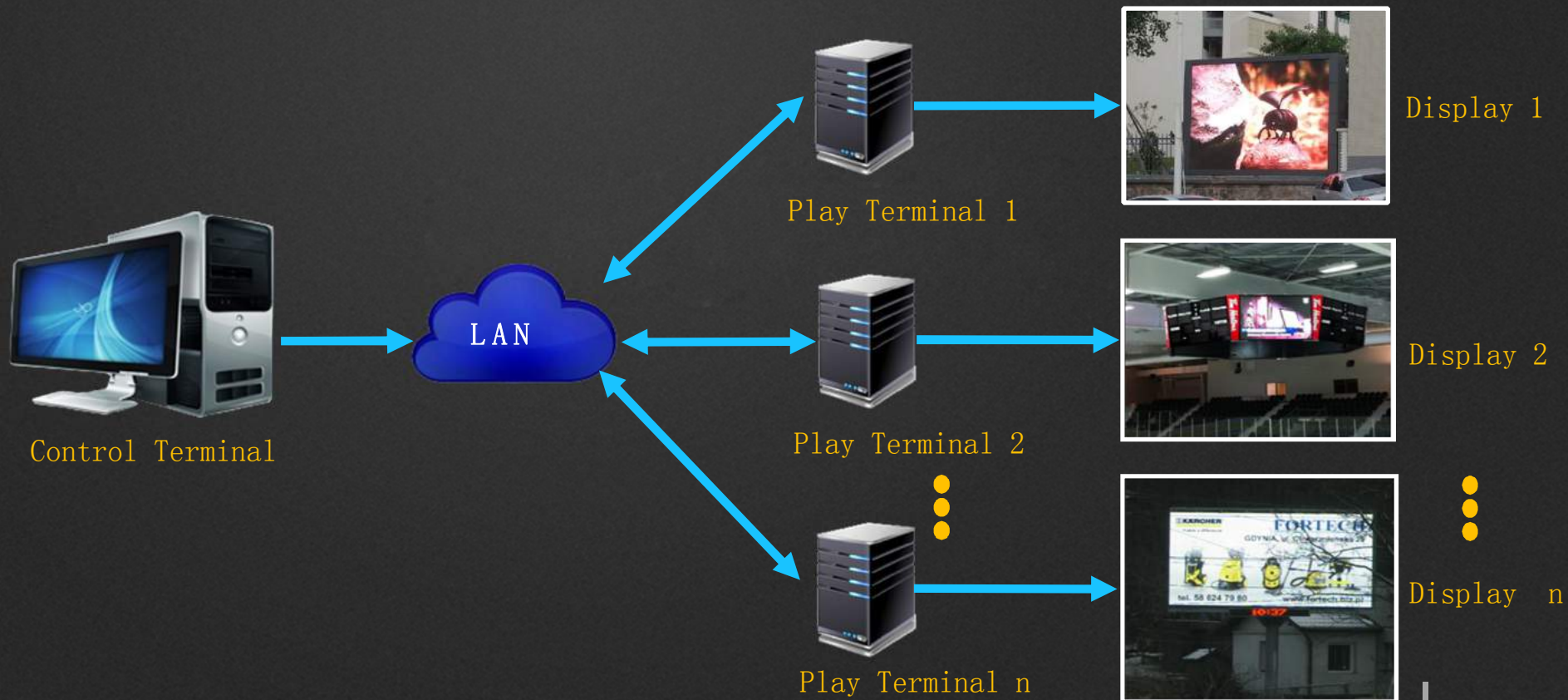
Typical application examples

4.1 Application of Monitoring Functions



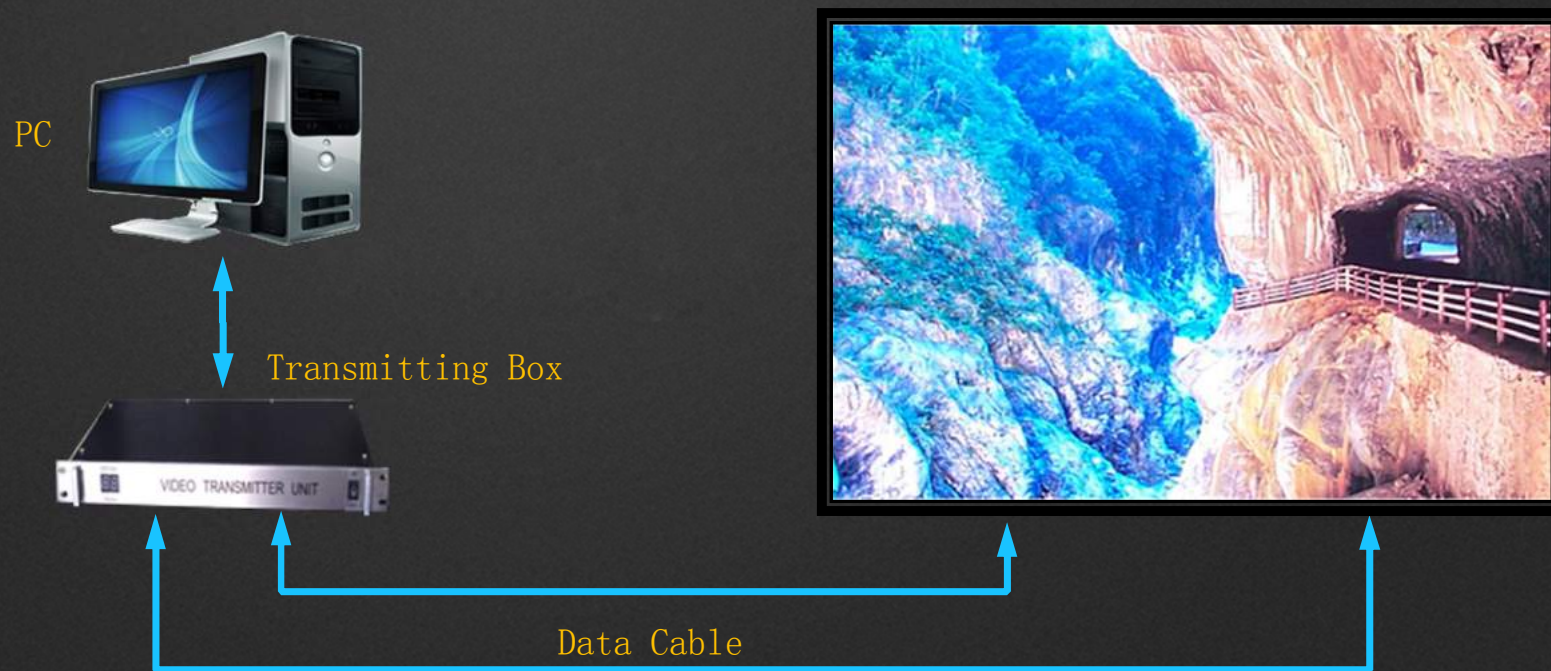
Typical application examples

4.2 Application of Centralized Control for Multi LED Screens



Typical application examples

4.3 Application of Redundant transmission (bidirectional)



Even if one of these two data cables breaks, the LED display can still maintain normal working.

Typical application examples

4.4 Application of Stadium (Sport Games & Live Broadcast)

