STANDARD SOLUTION 300-2000 IPC

Alcon Wireless Pvt. Ltd.



1 BACKGROUND

12 SYSTEM STRUCTURE

13 PRODUCT SELECTION

04 ADVANTAGES



O BACKGROUND





For a large scenario surveillance, which products are necessary?

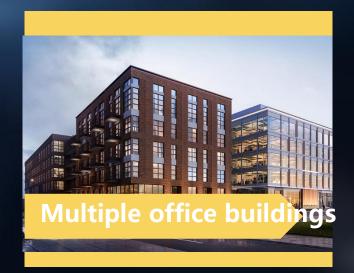








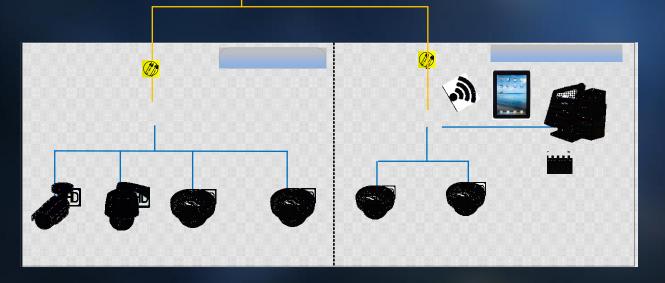


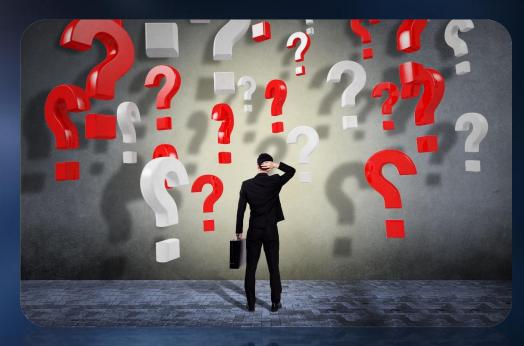




WHICH FACTOR AFFECTS OUR CHOICE OF SOLUTIONS MORE?







Why the system needs so many equipments?
Our sales team don't know how to choose storage equipment, what should we do?
Our sales team don't know when the streaming server is needed, what should we do?

Our sales team don't know how to choose video wall decoder, what should we do?



Key features of K2000



Appearance

4U height, front install 24 HDD, build-in indicator

Bandwidth

Video input bandwidth 512MB, storage bandwidth 512MB, support 256-ch 2MP recording at the same time

Interface

Front-in 2*USB, back-in 2*USB 3.0 . 2*HDMI, 1*VGA, 4*1000Mb Ethernet ports, 1*RS232, Alarm I/O 8/4

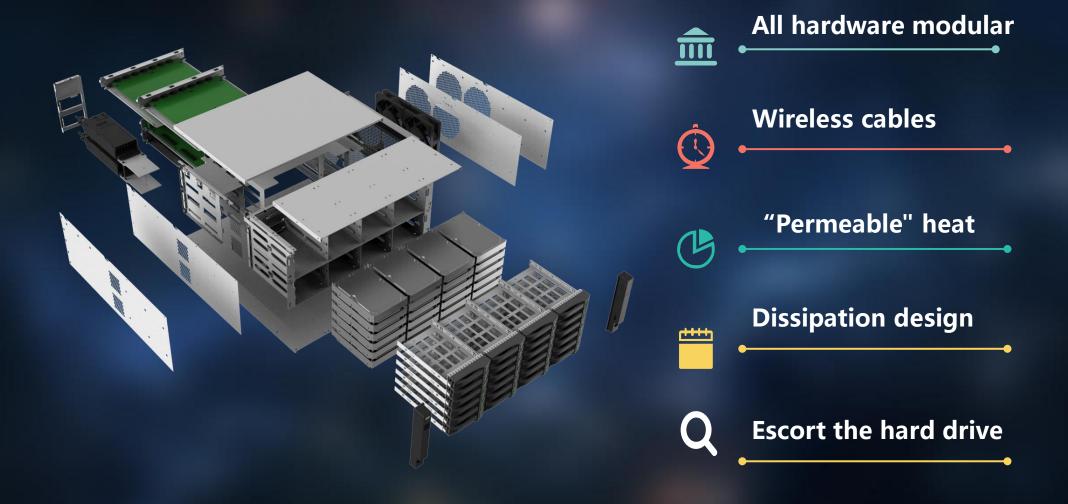
Security mechanism

Standard power supply, support redundant power supply
Support RAID0/1/5/6/10/50/60, efficiently ensure data security



Key features of K2000

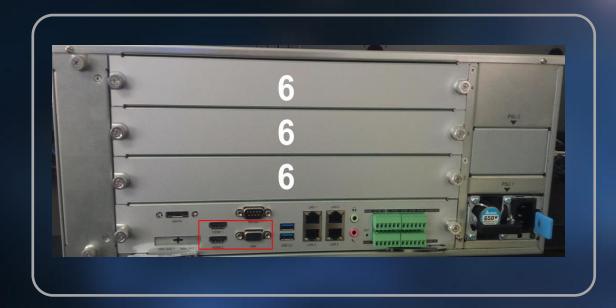
Powerful design





Key features of K2000

Powerful decoding ability



Decoding ability

Support 3 decoder boards, maximum support to connect with 21 screens, support video output up to 160-ch*1080p

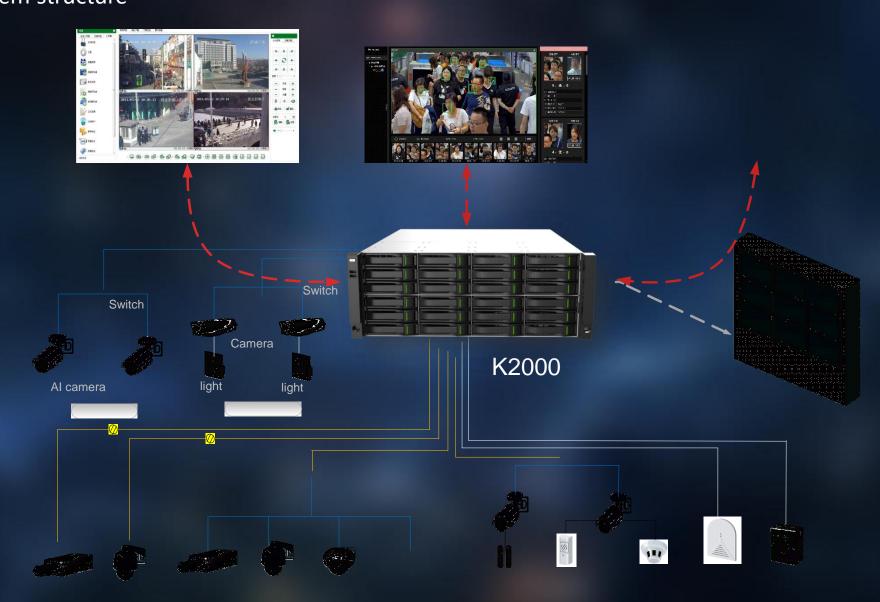
3 build-in video output interface, 2 of them are simultaneous. Support to connect with 2 screens, video output 16-ch*1080p



O2SYSTEM STRUCTURE

Stand-alone management system structure Stand-alone system structure





Stand-alone management system structure



Stand-alone video wall control



- Built-in 2-screen 16-channel 1080p decoding capability.
- The function of simple combination and control can be realized.



- 3 decode boards can be inserted, each with1 in and 6 out.
- Expand to a maximum of 20 screens, 160 channels, 1080p.
- Decoding board model: AL-NVR926S5-V



Stand-alone management system structure

01 •

All-round management

Integration with storage, decoder, video wall controller, alarm and intelligence. Easy to install.

06

Remote decoding

Centralized video wall management, remote control decoding

02

High video-input capacity

High bandwidth capacity: up to 512Mbps Intel processor 64 bit, RAM 8GB,video input 256-ch*2MP

05

Strong intelligence

Checkpoint management 27 VCA management 03

Powerful video wall control

NVR could be connected with 21 screens, display 160-ch 1080p video stream

04

Stable system

RAID 1+1 redundant power



Centralized management alarm



- Support various types of front-end equipment access, bullet, dome, fisheye, PTZ, etc.
- Support management alarm from front-end



Centralized management storage



The camera is preferentially connected to NVR or centralized storage, and then NVR is connected to K2000 for unified management to solve the problem of limited self-storage.

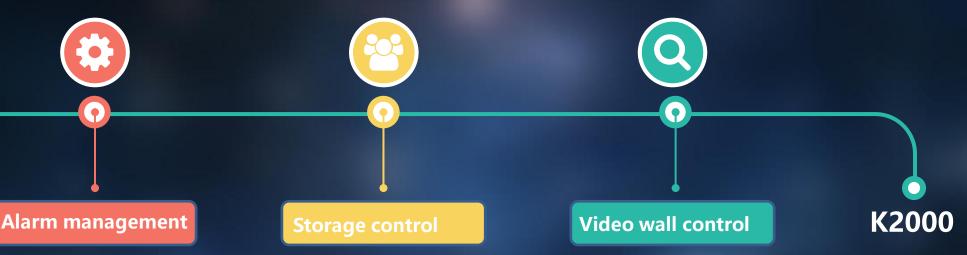


Centralized management video wall



K2000 can be connected to the decoder to realize the centersub-center hierarchical structure management.





K2000 is able to connect with various types of front-end and manage alarm at once.

K2000 could manage storage from different devices and expand local storage.

K2000 support centralized video wall control, which allows controlling whole situation



O3 HOW TO SELECT PRODUCTS





How to select IPC

Totally new

requirement

Require for

IPC: Box, Bullet, Turret, Dome Appearance PTZ: 3-inch, 4-inch, 6-inch, 9-inch, 10-inch Scenario – Indoor/Outdoor

Working condition – Temperature/Humidity

Monitoring effect—— Lens, illumination, WDR, supplement

Normal smart function—Tripwire, double tripwire, motion... **Functions**

Special smart function—LPR, face recognition, people counting

Other options instead of customization? Customization Communicate with R&D team.

There are analogous models——Find the core index

Have a discussion with R&D team

Get to know the original requirement

Get to know product carefully

replacing products There aren't analogous models

Application

Find the core index

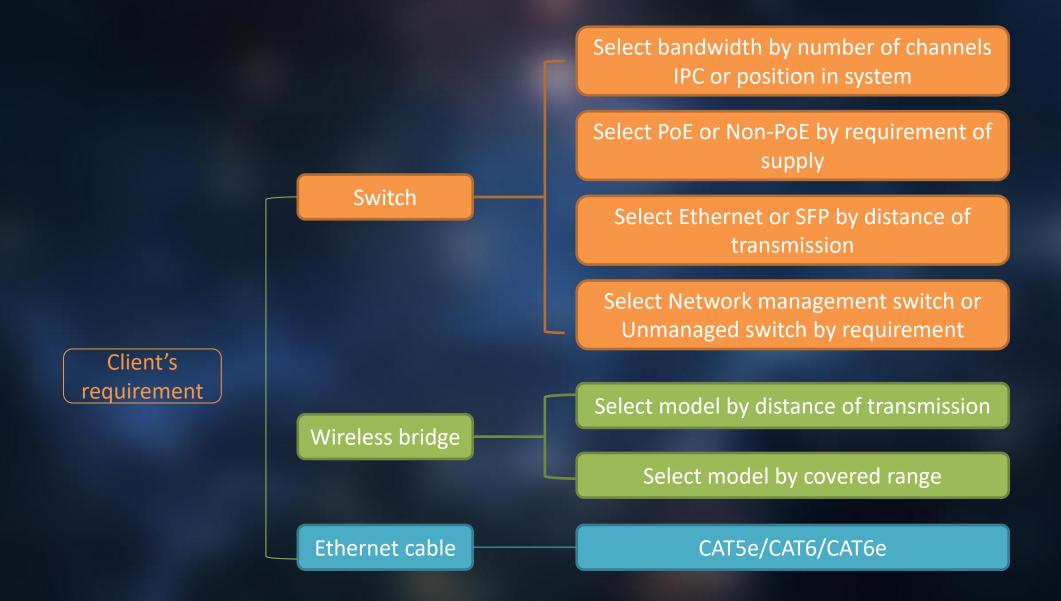
Ask for help Product team, R&D team

Make a Choice – Expectation of sales Require for Integrator-Integration

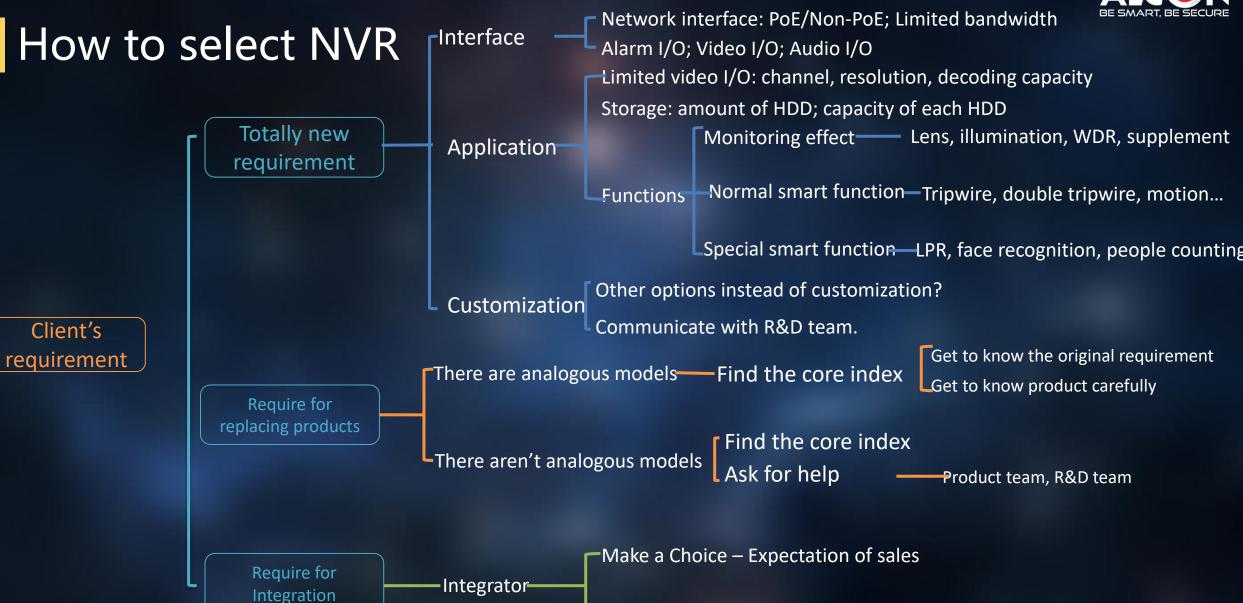
Client's requirement

How to select transmission product









Have a discussion with R&D team



How to select video wall devices

Video wall

controller

Screen

Amount of channels (video input)

Bandwidth (video input)

Amount of screens (video output)

Amount of split screens (video output)

Interface type of screens (video output) HDMI/VGA/DVI/YCbCr

Video resolution (video output)

Amount of video input boards -

Amount of video input boards

Amount of video resources

Video resolution

Interface type of screens (video output)

Amount of screens
Video resolution

Interface type of screens (video output)

Client's requirement

Keyboard Amount of decoders

Screen

controller

Decoder-

Amount of controller

Monitor—Installation, spilt screen, resolution, diagonal size

LCD screen—Installation, spilt screen, resolution, diagonal size, physical seam

LED screen——Installation, spilt screen, resolution, diagonal size, physical seam



04 ADVANTAGES



ADVANTAGES

Centralized system





Centralized management

Management video live view

Management video storage

Management alarm

Management intelligent functions

Management early warning

Management video wall

Management face recognition system

Management LPR system

Management people counting system

•••••



Easy Control

Remote control whole system

Modular structure, easy to control

Powerful database

High compatibility

High stability

Control multi-sites at the same time

•••••



ADVANTAGES

Stand-alone system



All-in-one management

Management video live view
Management video storage
Management alarm
Management intelligent functions
Management early warning
Management face recognition
system
Management LPR system
Management people counting
system



Economic solution

Reduce amount of
equipment, reduce cost
All-in-one design, reduce the
maintenance cost
Build-in storage sever,
improve stability of safety
Easy configuration &
installation, reduce cost of
workers



Stable design

RAID technology Redundant power supply



STANDARD SOLUTION 300-2000 IPC

Alcon Wireless Pvt. Ltd.