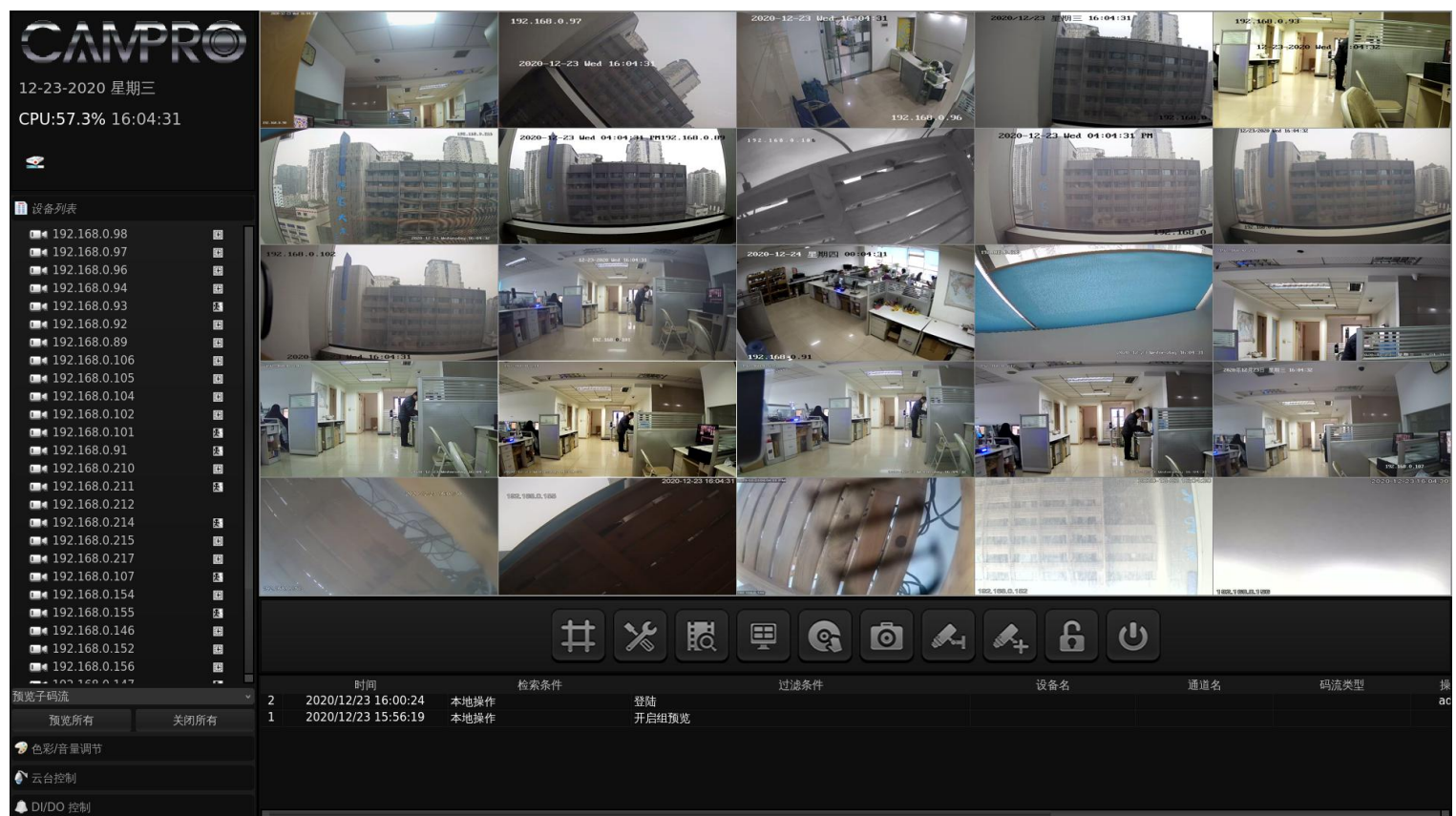# 64bit Linux PC NVMS Software Specification

32G SSD with 64bit Linux OS and Campro NVSS software

CAMPRO NVMS software is a Linux PC NVR Software, it is installed into mSata card which is with a 64bit Linux OS, also this mSata card supports all motherboards with Intel CPU (support GPU hardware decoding), including 6th,7th Intel Core i7 CPU; supports dual monitors; 6th / 7th Intel CPU with skylake display card, supports H.265 hardware decode.

Introduction:

CAMPRO NVMS-A X64 Architecture based Embedded Linux Super Network Video Manage System. Max 144ch D1, 81ch 720P, 36ch 1080P live view, Max. 16channel simultaneous playback; CPU & Log information real time display.

Main Features:

Central management

Support Multi devices, up to 256 devices. Central live view, playback, backup, adjust settings... Support centralized alarm reception and disposal, camera pop-up when alarm detected. GPU hardware decoding, alarm detection. Support to add and delete the face pictures on connected CB-NVSS-8708/CB-NVSS-8716/CB-NVSS-8724 remotely and receive face alarm from CB-NVSS-8708/CB-NVSS-8716/CB-NVSS-8724

Matrix Display

With CB-VMD-8102 for video decoding in TV Wall application, NVMS control the display channnel, splits, sequence, PTZ ...on each monitor.

Pos playback

When there is pos data saved on CB-NVSS-8708/CB-NVSS-8716/CB-NVSS-8724 and CB-NVMS-8100/CB-NVMS-8300/C-NVMS-8700 can

playback these video with pos data remotely. there is a pos filter which can filter the data you want to show on image.

Directory Tree

Support to classify the devices which connect to NVMS.

E-Map

Mark the location of cameras on map, when there is an alarm, will show notification on map, double click the camera's icon to show real time image.

Special Features:

Friendly main interface

256 IP devices, Real time CPU information, Real time Log information

Group Display

Support 4K resolution, 144 splits for main monitor.

Max. 16 display groups for each monitor.

Support sequence in every display window.

Support to display special group when start up.

Support to drag any camera into any window and save it as a display group.

POS Playback

Max. 16 channels video remote playback with POS information.

Event / Alarm Trigger

Motion linkage e-mail / Buzzer / DO IP disconnect trigger e-mail / Buzzer / DO

Automatically add IP Devices

1. User defines the IP address range.

2. User defines the devices names.

3. NVMS can scan cameras and modify IP address & Name for them and then add into the system automatically.

Permission Management and System Protection

Two level user permission management: Manager and operator

Playback, capture picture , channel setting , preview video , PTZ control

20 User Access Rights lockable to special user.

Camera Settings

Display Setting. Video Setting, Motion Detection, Privacy Mask, Alarm Input Setting, PTZ Setting, Linkage Setting.

Remote Backup

Remote backup Convert to AVI format when backup.

 Backup onto USB Disk.

Share Mouse & Keyboard

Special method for sharing Mouse and Keyboard for several NVSS

Remote Help

With desktop version, users can use VNC and Teamviewer to connect to a remote NVSS system to help end users to setup correctly, check problems, debug, fixing problems.

Remote Manage

when use NVMS to manage the NVSS, user can add / delete / modify all the IPC or face list of NVSS and restart NVSS via NVMS.

General

Max 256 input, Support NVSS, analogue Hybrid DVR, NVR, IP cameras through network

Support remote live view, Synchronous Playback,Bbackup

Useful UI with CPU / HDD / Log information real time display

1 VGA, 1 HDMI output, max. 4K resolution

OSD & LOGO adjust position freely

Support E-map.

IP Keyboard for PTZ control and preview control

Permission Management and System Protection

Two level user permission management: Manager and operator

Playback, capture picture , channel setting , preview video , PTZ control

20 User Access Rights lockable to special user.

Playback

Max. 16 channel playback while recording

Accurate to the exact moment / second and play

Useful ICON Search, up to16 splits to search, support to choose interval time(2s-120s) among each split

Filter record by different record mode

PTZ Function

Control PTZ or speed demo through network by mouse

Motion / Sensor alarm trigger PTZ to call a preset

Set preset position for each camera independently

Tour all preset position

Alarm Function

Max. 256 channels sensor input and 256 channels sensor output

Sound warning when alarming for each camera / sensor

Send Email automatically when camera or sensor alarming

Emap

Location of alarm information

Display the alarm video derectly

Network Function

Support P2P、ADSL、DDNS、LAN、Internet etc.

Built in DNS for adding IP devices through Dynamic Name

It adopts advanced network compression technology

Support remotely connection from IE, Linux CMS (Campro NVMS) / Mac / Android / iOS / Campro NVSS Client

Remote Pos playback

Support Max.4 ch to playback with POS data from NVSS.

Support POS filter which can filter the data you want to show on image.