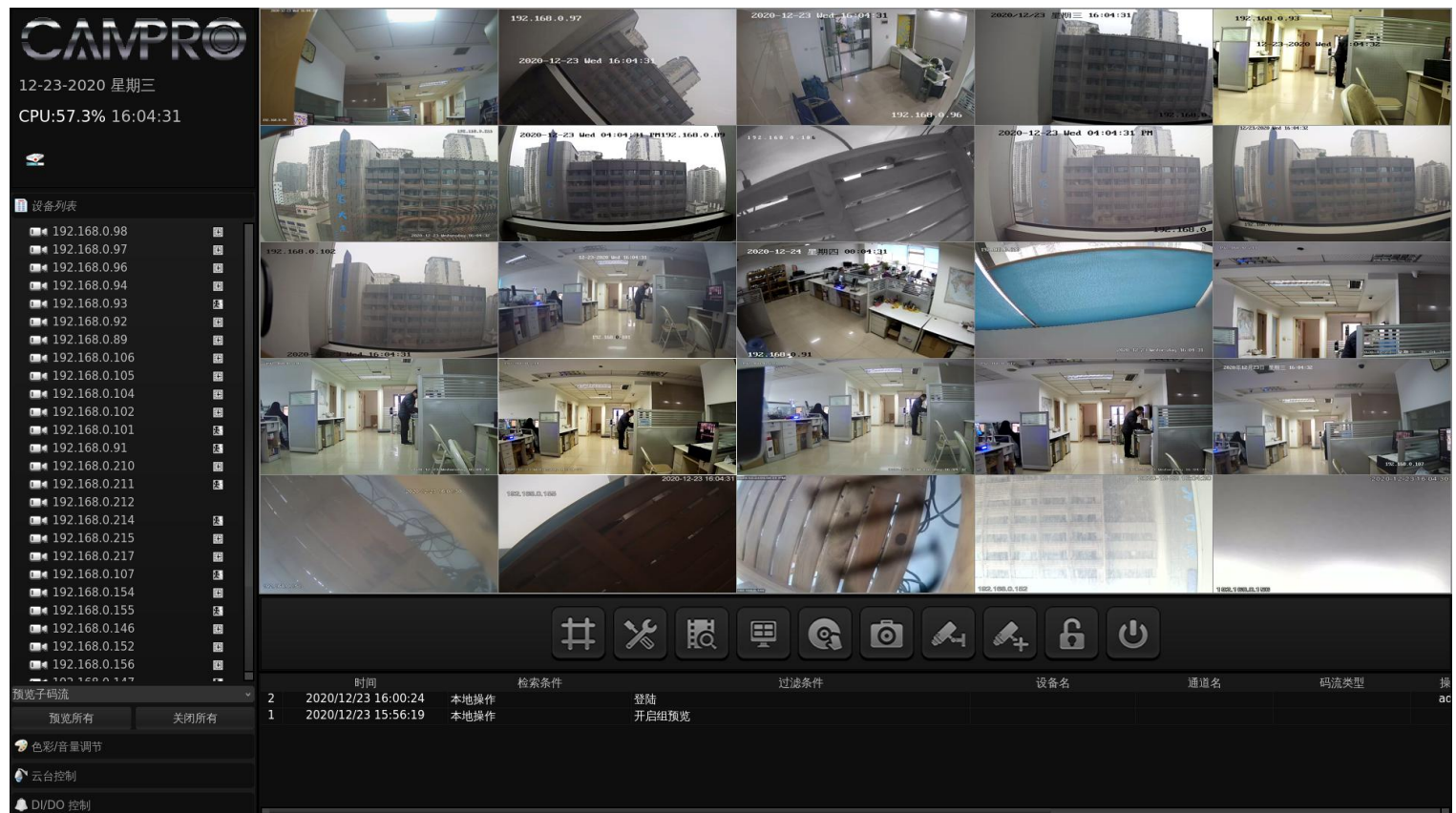# 64bit Linux PC NVSS Software Specification

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

CAMPRO NVSS 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 Intel Core I7 CPU; supports dual monitors; 6th / 7th Intel CPU with skylake display card, supports H.265 hardware decode.

Introduction:

CAMPRO NVSS-A X86 Architecture based Embedded Linux Super Network Video Recorder. Supports Max.144channel preview; Max. 256 channel total 1024Mbps record; Max. 16channel simultaneous playback; CPU & HDD & Log information real time display.

Applications:

Basic System= CB-NVSS-8708/CB-NVSS-8716/CB-NVSS-8724 + CB-XX208/405P/406P/508P series IPC

Advanced = CB-NVSS-8708/CB-NVSS-8716/CB-NVSS8724 + Max. 256pcs of IPC.

Hybrid = CB-NVSS-8708 /CB-NVSS-8716/CB-NVSS-8724+ IPC + DVR + NVR

IP Storage System = Built-in 8/16//24 Hot-Swap HDD ports.

This system widely used in bank, telecommunication, transportation, factories, warehouse, irrigation, ect.

Special Features:

Face Recognition / License Plate Recognition / E-Map / Group Display / POS Integration / Intelligent Video Analysis / HDD Management / Event / Alarm Trigger / Automatically add a batch of IP devices / Permission Management / Camera Settings / Intelligent Playback / Instant Playback / ICON Search / Backup / Share Mouse & Keyboard / Remote Help / Raid / Redundant NVSS / Netwrok

Keyboard / Friendly Main interface / Virtual Matrix Function.

*** <u>Intelligent Video Analysis</u>: Face Detection; Intrusion Detection; Object Counting; Movement Direction Detection; Missing Object Detection, Unattended Object Detection, Tripwire Detection.

Detailed Features:

General

Max. 256ch HD1080P IP video recording

Max. 24 Hot-Swap HDDs with 16TB for each HDD

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

Max. 3840*2160 resolution

OSD & LOGO adjust position freely

Compatible with analogue Hybrid DVR, NVR, IP cameras through network

Sensor / Motion trigger Email / Buzzer / DO

Control PTZ in the current preview window use mouse or keyboard

Recording & Storage

Adopts the most advanced H.264/H.265 compression technology

Max. 256ch@8MP / 4MP / 1080P recording

Max. 24 Hot-Swap HDDs with 16TB for each HDD

Video resolution / quality / bit rate type (CBR/VBR) & value / fps adjustable

Search new HDDs and format for recording automatically

Camera record status, HDD work status real time display

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

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

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.

Desktop and non-desktop

Support to switch between desktop and non-desktop, when it is in desktop, system will be like a windows OS, you can scan website via firefox browser, also there is teamviewer for you to get help remotely.

Add a batch of cameras at the same time

Support to choose any cameras you want to add, need to make sure all of them are connecting with same protocal and same password.