Key Features

- Support Stream Profile for remote live view bandwidth control
- Support mobile client for iPhone / iPad / Android
- Web-based configuration, live viewer, playback
- Panorama 360° PTZ
- Online GUI recording schedule
- Digital PTZ and multi-view
- Audio recording
- Real-time digital output and Email alert
- Up to 128 CH remote live view
- Playback with 5 intelligent search
- Point of Sale (POS)
- Digital watermark
- Auto port-forwarding
- NTP server synchronization

Key Benefits

Stability and Reliability
NVRmini 2 is a linux-embedded system that is free from virus attack. With its server-client architecture, NVRmini 2 provides a most stable and high quality monitoring and recording performance. Not only does its software offer a top quality performance, but the hardware enhances stability as well by supporting 4 RAID levels, smart fan, HDD SMART, auto power on, UPS and much more.

Easy to Use
A top user-friendly system should combine fast and flexible configuration with easy operation. With a few simple steps for installation, the web-based management leads users to configure, monitor and playback video everywhere. UPnP search, auto camera detection and GUI schedule save setting-up time, while the easy drag and drop camera, auto scan, preset point patrolling, and multiple views offer users a prime monitoring experience.

Value-added Surveillance Features
There are some outstanding features included in the NVRmini 2, one of which is mobile phone client. Users can check their live video wherever they want through iPhone, iPad, Android, BlackBerry. Another feature is Point of Sale (POS). POS data is displayed on live screen of designated channels, and users can fast search POS transaction and related video records. Still another NVRmini 2 feature is the digital watermark on exported video and snapshots, which prevents data from tampered without awareness.
**Web-Based Liveview**

- Web-based management (Recommend on IE 8 and later)
- Up to 128 CH remote live view with multiple monitors
- Easy camera-drag-and-drop on screen
- Camera PTZ integration
- Digital PTZ
- Auto scan
- Multi-view
- Preset point set, go and patrolling
- Joystick support for easier camera controlling
- System event popup
- Camera event on screen display and sound notification

**Point of Sale (POS)**

POS text overlay on live view video and recordings. All recorded POS transactions are searchable in the NVRmini 2 database.

**Multi-View**

with duplicating camera on screen and with different digital zoom image.

**Intelligent Playback**

- Open record by time, graphic record, event log
- Multi-channel playback
- Playback with 5 intelligent search
- Video enhancement
- POS search
- Support digital watermark on exported video or snapshot
- Evidence export
- Auto backup video to FTP

**Video Enhancement**

Fine-tune the image's visibility, sharpness, brightness, contrast or even grey scale.

**Intelligent Search**

- General Motion
- Missing Object
- Camera Occlusion
- Foreign Object
- Lose Focus

**Multiple Language Support**

- English
- Japanese
- Traditional Chinese
- Spanish
- Deutsch
- Finnish
- French
- Hungarian
- Italian
- Russian
- Czech
- Korean
- Polish
- Dutch
- Serbian
- Swedish
- Portuguese (Brazil)
Server-Client Architecture

- Linux embedded – free from PC crash and virus attack
- RAID 0,1,5,10, for maximum capacity or data protection
- Support megapixel camera and H.264 compression format
- Remote I/O solution and camera I/O integration
- Four kinds of user authorities: administrator, power user, user, and guest
- E-map with indicator
- Alarm source of NUUO Central Management System

Linux Embedded
Embedded Linux for high stability and free from virus attack

Dual Streams
Dual streams for managing bandwidth

Panorama 360° PTZ
Panoramic/PTZ function can reduce the total cost by decreasing the number of IP cameras. Not only the original view, NVRmini 2 also supports PTZ, quad, and perimeter modes.

Web-Based Live Viewer
Users can login anytime anywhere via Internet Explorer and can login via four different user groups: administrator, power user, user, and guest.

Compatible with CMS
Ultimate central monitoring solution for grand scale projects and projects with multiple sites.

Multi-Platform Mobile Clients
iPhone, iPad, Android

Search recorded video for 5 events including general motion, foreign object, missing object, loss focus and camera occlusion.

Support RAID 0,1,5 and 10 for maximum capacity or data protection.

Software enables digital PTZ function. Physical PTZ control and preset/go functions are also available.

Monitor multiple NUUO servers (NVR, DVR, NDVR and NVRmini 2) simultaneously in one single interface.

Notify users on camera and system event through sound, digital output, Email and NUUO CMS alert.

All recorded POS transactions are searchable in the NVRmini 2 database.
**Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>NVRmini 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Image</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Part Number</strong></td>
<td>NE-2020</td>
</tr>
<tr>
<td><strong>Recording Camera</strong></td>
<td>2-bay Tower</td>
</tr>
<tr>
<td><strong>Number of Drives</strong></td>
<td>2xSATA II</td>
</tr>
<tr>
<td><strong>Available Drive Bays (US only)</strong></td>
<td>1, 2, 6TB</td>
</tr>
<tr>
<td><strong>RAID Level</strong></td>
<td>RAID 0.1</td>
</tr>
<tr>
<td><strong>I/O Interface</strong></td>
<td>2xUSB 2.0 (for UPS)</td>
</tr>
<tr>
<td><strong>LAN Port(s)</strong></td>
<td>1xGigabit RJ-45 ethernet port</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>Operating : 0°C ~ 40°C</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>Operating : 5% ~ 95%</td>
</tr>
<tr>
<td><strong>Compression Format</strong></td>
<td>MPEG4, M-JPEG, H264, MxPEG (Depends on IP camera)</td>
</tr>
<tr>
<td><strong>Recording Performance</strong></td>
<td>Camera dependent</td>
</tr>
<tr>
<td><strong>Remote PC CPU</strong></td>
<td>Intel Core 2 Duo, 2.6 GHz</td>
</tr>
<tr>
<td><strong>Remote PC RAM</strong></td>
<td>1 GB</td>
</tr>
<tr>
<td><strong>User Interface</strong></td>
<td>HTTP web browser - Internet Explorer 8 and later/ NUUO client application program</td>
</tr>
<tr>
<td><strong>Recording Type</strong></td>
<td>Continuous record, record by schedule, manual record, event trigger record, digital input trigger record</td>
</tr>
<tr>
<td><strong>Remote Live View Control</strong></td>
<td>Live view, preset/ go, PTZ, remote I/O, snapshot, multi-view, digital PTZ, advanced E-Map, bandwidth monitoring</td>
</tr>
<tr>
<td><strong>Audio &amp; Video Recording</strong></td>
<td>Audio &amp; video recording in synchronization</td>
</tr>
<tr>
<td><strong>POS</strong></td>
<td>Live view, record, playback, and search for every transaction</td>
</tr>
<tr>
<td><strong>Auto Backup</strong></td>
<td>Automatically backup the recorded video of the previous date to FTP</td>
</tr>
<tr>
<td><strong>Smart Search</strong></td>
<td>General motion, missing object, foreign object, lose focus, camera occlusion</td>
</tr>
<tr>
<td><strong>Remote Client OS Platform</strong></td>
<td>Windows XP (32-bit) / Windows 7 (32 and 64-bit)</td>
</tr>
<tr>
<td><strong>Remote Live View Connections</strong></td>
<td>Live view maximum 64 connections at the same time</td>
</tr>
<tr>
<td><strong>Mobile Client OS Platform</strong></td>
<td>iPhone, iPad, Android</td>
</tr>
<tr>
<td><strong>IP Camera Brand Support</strong></td>
<td>ACTi, AcreonVision, ARM, Axis, Basler, Brickcom, Bosch, Bullwerk, Centrix, Cisco, CNB, COP, CORUM, Dahua, D-Link, Dynacolor, Digital Watch Dog, Eneo, Everfocus, Fine, Forek, GE, Grandstream, Grundig, HIKVision, Honeywell, IQinVision, LevelOne, Lumenera, Linksys, Mobotix, Onvif, Panasonic, Pelco, Probe, PROD, Rover, Samsung, Santec, SANYO, Senet, StarDot, Sony, Toshiba, Truvis, UDP, videocore, VWITEX, Vata, Zavio, 3Vision</td>
</tr>
</tbody>
</table>

**Support 54 brands of IP cameras and 1345 models**

**About NUUO**

NUUO is the world’s leading provider of open platform video management solutions. Combining IP and analog technologies with IVS detections, NUUO guarantees a comprehensive security and surveillance solution to meet your high standard demands. Simple to install and manage, with customer-proven reliability, a high compatibility for 3rd party system integration and a wide range of IP camera support solutions in more than 20,000 worldwide installations, NUUO is dedicated to providing a flexible, user-friendly surveillance solution for large-scale and high-level enterprise projects as well as for small- and medium-sized businesses.