



eBell Linux embedded SOHO NVR series **SOHO NVR-xxx-MRD**

SOHO NVR Software Features

▶ Monitoring

- Linux OS.
- Max 6 IP cameras.
- IP cam resolution: depending on each IP camera.
- Monitor resolution:1280X768.
- Live display: 1, 4, 6, 7, 8, 9 divisions and full screen display.
- When event triggered, or scene changed corresponding Channel will flash for attention.
- Frame size and FPS data in Playback pictures.
- Password / Multi-user management.
- System log: Log in / out, user information and its IP address.
- On screen PTZ control panel.
- HD information and calculation of recording time.
- Digital signature.
- Support PPPoE IP and has SMTP function to forward whenever newly assigned dynamic IP address to pre-defined mail box.



SOHO NVR-006-MRD

▶ Recording

- IP camera FPS max 30 f/s(NTSC), depending on each IP cam.
- Recording mode: view only/continuous/Motion/Alarm/Motion & Alarm/Mixed mode.
- FPS and parameters of each camera can be set respectively.
- Event pre recording 5~30, Post recording 10~120.
- Dual (MPEG-4, H.264) streaming function.

▶ Audio

- Two way audio function depending on IP cam spec.

▶ Back up

- USB1.1 / 2.0.

▶ Smart Search & Easy Playback

- Digital zoom for single picture and motion picture.
- Snapshot and storage for single and multiple pictures.
- Support multi-channel time synchronized or not synchronized playback.
- Support single channel playback of different time intervals.
- Support video and audio synchronized playback.
- Support event type and time search.
- Support sec/min/hr picture preview, and to export or start playback by clicking picture of interest.
- Support single and multiple channels backup.



▶ Alarm and Notification

- Each camera can connect to any or all the sensors and select one or all different notifications.
- Event types: Video loss, Sensor triggered, Motion detection triggered.
- Alert notifications: Video loss, Sensor triggered, HD crushed, System crushed.
- Auto pop-up on e-Map when event occurred.
- Motion detection: 15 x 22 small blocks to set alarm area.



▶ Mobile Phone Application

- Support 3G RTSP. No additional software installation required.

▶ Video Analytics (Optional)

- Object left (object in).
- Object removal (object out).
- Flow count.

▶ Networking and System

- Support TCP/IP, PPPoE, DHCP, DDNS.
- Support NTP server.
- System log: system on/off, video loss, GUI, PTZ, schedule, Device manager.
- Support USB firmware upgrade.



Hardware Specification



Intel D525MW



SOHO NVR-006-MRD

Chipset	Intel® NM10 Express Chipset
CPU	Intel® Atom™ processor D525
Memory Type	DDR3 1066/800 MHz SDRAM, Non-ECC .
Audio	Intel® High Definition Audio
Networking Controller	Integrated 10/100 LAN Port
PCI-E Slots	1 (x1) PCI slot
USB	4 ports rear + 4 ports headers
Power Supply	60W
Dimensions	230 (H) x 60 (W) x 205 (D) mm