



OPTIVIEW VMS-N

NDAA Compliant Video Management Software



256 Channels

Manage up to 256 camera channels live with up to 3 auxiliary screens.



PTZ Control

Have ultimate control of your Pan/Tilt/Zoom cameras with focus, presets, and much more!



Windows / Mac

Optiview VMS-N is available no matter the desktop operating system you use.



Remote Config

Configure your system remotely with Image Parameters, Encoding Parameters, and OSD.



Fisheye Dewarp

Fully dewarp Fisheye and 360° Panoramic cameras in both live and playback mode.

DIVERSE FUNCTIONS

Do more with Optiview's VMS-N with advanced Live View, Recording, Playback, PTZ Control, Alarm, E-Map, Video Wall, and More!

EFFICIENT DEVICE MANAGEMENT

Automatic device discovery (or search by network segment), add devices by IP address / domain name, DDNS, and add devices and adjust times in batches.

ANY DEVICE. ANYWHERE.

Access your system anywhere with Optiview VMS-N on Windows and Mac. We even have a separate mobile app for video management from your phone!

UNIFIED VIDEO MANAGEMENT

Manage all of your NDAA compliant IP Cameras, NVRs, and system from one easy to use platform!

NDAA COMPLIANCE

The John S. McCain National Defense Authorization Act (NDAA) is a United States federal law which specifies the budget, expenditures and policies of the U.S. Department of Defense. For Fiscal Year 2019, the NDAA Section 889, prohibits the U.S. government from procuring video and telecommunication equipment from certain Chinese companies and their subsidiaries. Some non government projects may require NDAA compliance if federal funding is being used.



PRODUCT SPECIFICATIONS

DEVICE MANAGEMENT	
Features	Device discovery (auto discovery, specify network segment) Add devices by IP address/domain name/DDNS Cloud device management(add, edit, delete and share) Group devices, view device status, restart device Remote configuration(image parameters, encoding parameters, OSD) Fisheye camera supported

LIVE VIEW	
Screen Layout	1 / 4 / 5 / 6 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 split view and 1 / 4 / 9 / 16 / 25 default view & custom view 3 auxiliary screens
PTZ Control	Pan, tilt, zoom, shortcut PTZ, focus, preset, patrol, 3D positioning, IR control, wiper control, heat control, snow removing Note: Actual functionality may vary depending on device capability.
Features	Group display, sequence display, snapshot, digital zoom, scene, instant playback, local recording, default and custom view, custom stream, corridor mode, audio, two-way audio, and manual alarm

PLAYBACK	
Recording	Playback recording from NVR and SD card 16-ch (Async)/16-ch (Sync) playback Display recording status on a calendar Recording in .ts, .mp4 format
Features	Local recording, scheduled recording, alarm triggered recording, search recording by time/recording type, recording download, snapshot, digital zoom, -16x~16x speed for forward and backward, audio, instant playback, play back local recordings, playback by image, playback by frame, playback in default/custom view

ALARM	
Type	Multiple alarm types.
Alarm Triggering	Live view, recording, email, preset, sound and etc. Trigger other IPCs
Alarm Records	Real-time alarm info display and acknowledge History alarm display / acknowledge / query

E-MAP	
Format	PNG / JPEG / BMP
Map Alarm	Alarm flash, search and acknowledge
Features	Hot spot, hot zone, map zoom in/out, eagle eye

USER MANAGEMENT	
User Management	Add, edit and delete user, query user
User Level	Super administrator, administrator, operator
User Info	User name, password, user level, permissions Different default permissions for different user levels Assignable permission(s) of each IPC

SYSTEM CONFIGURATION	
Audio & Video	Configure video processing mode, display mode, stream transmission protocol Enable shortcut PTZ control, GPU mode Configure snapshot mode, image save path
System	Configure format and save path for local and downloaded recordings Enable auto login to Optiview VMS-N / Windows Set retention period for operation / alarm log Import and export configuration
Operation	Set alarm duration, alarm recording start and end time Enable auto time sync, set synchronization interval Configure SMTP server and email address used to send/receive emails



PRODUCT SPECIFICATIONS CONT.

SYSTEM REQUIREMENT	
Optiview VMS-N 64 Bit	Operating System: Microsoft Windows 7/ Windows 8/Windows 10 (64-bit) CPU: Intel Core i5 3.1 GHz or higher Memory: 4GB or higher
Optiview VMS-N 32 Bit	Operating System: Microsoft Windows 7/ Windows 8/Windows 10 (32-bit or 64-bit) CPU: Intel Pentium IV 3.0 GHz or higher (4Cores, 3.0 GHz recommended) Memory: 4GB or higher
Optiview VMS-N Mac	Operating System: Mac OS 10.11 or higher CPU: Intel Core i5 3.1 GHz or higher Memory: 4GB or higher

ADDITIONAL PRODUCTS



NVRSVR-5
Standalone server for
unlimited cameras with
5 Removable HDDs.



SURVEILLANCE DRIVES
4TB / 8TB / 10TB



IP4MIAB-28-SDA-NCV
4MP NDAA Compliant
Armor Ball Camera



IP4MIAD-212-Z-NCV
4MP NDAA Compliant
Armor Dome Camera



IP5MIBC-28-SDA-NCV
4MP NDAA Compliant
Bullet Camera