

Hardware Specifications

ON3017 VG4C-XP



Video In	Standard 4 channels video in BNC jack
Audio In	Standard 2 channels audio in RCA jack
Video resolution	NTSC 640 x 480 pixels / PAL 704 x 576 pixels
Compression Technique	SMICT compression Chip. Dynamic Compression rate can reach 1:40~1:2400 max
PC Interface	Standard PCI Slot
Watchdog	Hardware type watchdog function
I/O	Each card provide 8 I/O points
Recording Speed	Maximum of 240 fps for 16 channels
OS system	Windows 2000/XP

Software Specifications

Recording Mode	Normal Recording mode, Recycle recording mode, program recording mode
Monitoring Mode	Normal Monitoring mode, Monitoring with detection area alarm triggering mode, Monitoring with detection area triggering recording and alarm mode.
Auto Scan	Under Recording and Monitoring mode and Monitoring mode, automatic enlargement of 1 camera each time for better monitoring.
Image Variation Setting	Can vary the brightness, Contrast, Saturation and Hue of the images
Hard disk space availability	This function shows the Hard disk space availability
E-map Function	Provide controllable e-map to locate the camera. (Etc, if got broken, disconnected or alarm triggered)
PTZ/Dome Functions	Direct control the dome under the system to move up, down, left, right, zoom in/out, iris and focus, preset point setting and control, auto pan function and the cruise function.
Alarm Functions	Alarm area to be set. When alarm triggered, the voice messages can be send to preset telephone or mobile phones, or to send the images to the designated computers.
E-mail functions	Support alarm triggered. To send images or snapshot to its designated position.
Snap shot functions	Snapshot at recording, monitoring, remote access and playback.
Authorization setting	The system supervisor can set authorization to have more safety ness to your computer
Image Quality	Adjustable compression quality and recording frames for better efficiency.
I/O Control	Provide I/O ports control, to let you connect with external alarm equipment.
Multi-task Capability	Recording, playback, remote monitoring and image view at the same time.
Printing Function	Snapshot can be print with date, time, taken place, and camera name.

Playback Specification

Intelligent Searching	Files for the locked cameras can be search rapidly. A maximum of 4 cameras can be playback each time.
File Mode	All cameras save and manage the files in order of time/date.
Search by Event	Search by alarm triggered mode or alarm mode.
Playback Mode	Provide play, stop, playback clip, dragging, and fast/slow playback functions.
Image Variation Setting	Can vary the brightness, Contrast, Saturation and Hue of the images.
Print Picture	Direct printing of the clip
Backup Functions	Automatically or manually backup files using HDD, DVD-RAM, DVD-RW, CD-RW, DAT, DLT, MO, ZIP, RAID devices.

NET Virtual Central Integrate System

Network Function	Provide connections for different network through LAN or Internet to remote one or multi systems.
Auto Login Network	System provides the server to auto login network function and auto search when disconnected
Remote Search Function	Search for the images information, snapshots and printing function from the far end hard disk.
Remote Live Image	Remote access and record the live image from the other host system and the remote site can also record images.
Remote Control	To remote control PTZ, I/O port and to set the remote alarm detective area, recording snapshot, activate or disarm the alarm.
Remote control Transmission	Under TCP/IP condition, support PSTN (56K Modem), Lan Internet, Intranet, PHS....

Hardware Specifications

ON3016 VG4C-plus



Video In	Standard 4 channels video in BNC jack
Audio In	Standard 2 channels audio in RCA jack
Video resolution	NTSC 640 x 480 pixels / PAL 704 x 576 pixels
Compression Technique	SMICT compression Chip. Dynamic Compression rate can reach 1:40~1:2400 max
PC Interface	Standard PCI Slot
Watchdog	Hardware type watchdog function
I/O	Each card provide 8 I/O points
Recording Speed	Maximum of 160 fps for 16 channels
OS system	Windows 2000/XP

Software Specifications

Recording Mode	Normal Recording mode, Recycle recording mode, program recording mode
Monitoring Mode	Normal Monitoring mode, Monitoring with detection area alarm triggering mode, Monitoring with detection area triggering recording and alarm mode.
Auto Scan	Under Recording and Monitoring mode and Monitoring mode, automatic enlargement of 1 camera each time for better monitoring.
Image Variation Setting	Can vary the brightness, Contrast, Saturation and Hue of the images
Hard disk space availability	This function shows the Hard disk space availability
E-map Function	Provide controllable e-map to locate the camera. (Etc, if got broken, disconnected or alarm triggered)
PTZ/Dome Functions	Direct control the dome under the system to move up, down, left, right, zoom in/out, iris and focus, preset point setting and control, auto pan function and the cruise function.
Alarm Functions	Alarm area to be set. When alarm triggered, the voice messages can be send to preset telephone or mobile phones, or to send the images to the designated computers.
Alarm log	Will record the alarm activate time, and to chose the recorded time and playback image directly.
Snap shot functions	Snapshot at recording, monitoring, remote access and playback.
Authorization setting	The system supervisor can set authorization to have more safety ness to your computer
Image Quality	Adjustable compression quality and recording frames for better efficiency.
I/O Control	Provide I/O ports control, to let you connect with external alarm equipment.
Multi-task Capability	Recording, playback, remote monitoring and image view at the same time.
Printing Function	Snapshot can be print with date, time, taken place, and camera name.

Playback Specification

Intelligent Searching	Files for the locked cameras can be search rapidly. A maximum of 4 cameras can be playback each time.
File Mode	All cameras save and manage the files in order of time/date.
Search by Event	Search by alarm triggered mode or alarm mode.
Playback Mode	Provide play, stop, playback clip, dragging, and fast/slow playback functions.
Image Variation Setting	Can vary the brightness, Contrast, Saturation and Hue of the images.
Print Picture	Direct printing of the clip
Backup Functions	Automatically or manually backup files using HDD, DVD-RAM, DVD-RW, CD-RW, DAT, DLT, MO, ZIP, RAID devices.

NET Virtual Central Integrate System

Network Function	Provide connections for different network through LAN or Internet to remote one or multi systems.
Auto Login Network	System provides the server to auto login network function and auto search when disconnected
Remote Search Function	Search for the images information, snapshots and printing function from the far end hard disk.
Remote Live Image	Remote access and record the live image from the other host system and the remote site can also record images.
Remote Control	To remote control PTZ, I/O port and to set the remote alarm detective area, recording snapshot, activate or disarm the alarm.
Remote control Transmission	Under TCP/IP condition, support PSTN (56K Modem), Lan Internet, Intranet, PHS....

Hardware Specifications

ON3018 VG4C-RT



Video In	Standard 4 channels video in BNC jack
Audio In	Standard 2 channels audio in RCA jack
Video resolution	NTSC 640 x 480 pixels / PAL 704 x 576 pixels
Compression Technique	SMICT compression Chip. Dynamic Compression rate can reach 1:40~1:2400 max
PC Interface	Standard PCI Slot
Watchdog	Hardware type watchdog function
I/O	Each card provide 8 I/O points
Recording Speed	Maximum of 480 fps for 16 channels
OS system	Windows 2000/XP

Software Specifications

Recording Mode	Normal Recording mode, Recycle recording mode, program recording mode
Monitoring Mode	Normal Monitoring mode, Monitoring with detection area alarm triggering mode, Monitoring with detection area triggering recording and alarm mode.
Auto Scan	Under Recording and Monitoring mode and Monitoring mode, automatic enlargement of 1 camera each time for better monitoring.
Image Variation Setting	Can vary the brightness, Contrast, Saturation and Hue of the images
Hard disk space availability	This function shows the Hard disk space availability
E-map Function	Provide controllable e-map to locate the camera. (Etc, if got broken, disconnected or alarm triggered)
PTZ/Dome Functions	Direct control the dome under the system to move up, down, left, right, zoom in/out, iris and focus, preset point setting and control, auto pan function and the cruise function.
Alarm Functions	Alarm area to be set. When alarm triggered, the voice messages can be send to preset telephone or mobile phones, or to send the images to the designated computers.
E-mail functions	Support alarm triggered. To send images or snapshot to its designated position.
Live Video/Audio	Support live monitoring or remoting video and audio for you to be evdiet of scence.
Authorization setting	The system supervisor can set authorization to have more safety ness to your computer
Image Quality	Adjustable compression quality and recording frames for better efficiency.
I/O Control	Provide I/O ports control, to let you connect with external alarm equipment.
Multi-task Capability	Recording, playback, remote monitoring and image view at the same time.
Printing Function	Snapshot can be print with date, time, taken place, and camera name.

Playback Specification

Intelligent Searching	Files for the locked cameras can be search rapidly. A maximum of 4 cameras can be playback each time.
File Mode	All cameras save and manage the files in order of time/date.
Search by Event	Search by alarm triggered mode or alarm mode.
Playback Mode	Provide play, stop, playback clip, dragging, and fast/slow playback functions.
Image Variation Setting	Can vary the brightness, Contrast, Saturation and Hue of the images.
Print Picture	Direct printing of the clip
Backup Functions	Automatically or manually backup files using HDD, DVD-RAM, DVD-RW, CD-RW, DAT, DLT, MO, ZIP, RAID devices.

NET Virtual Central Integrate System

Network Function	Provide connections for different network through LAN or Internet to remote one or multi systems.
Auto Login Network	System provides the server to auto login network function and auto search when disconnected
Remote Search Function	Search for the images information, snapshots and printing function from the far end hard disk.
Remote Live Image	Remote access and record the live image from the other host system and the remote site can also record images.
Remote Control	To remote control PTZ, I/O port and to set the remote alarm detective area, recording snapshot, activate or disarm the alarm.
Remote control Transmission	Under TCP/IP condition, support PSTN (56K Modem), Lan Internet, Intranet, PHS....