

Technical specifications - Pacidal NVR6016

Camera support

Numbers of channels	16 channels, extendable to 64 channels (purchase of additional licenses is required for every four extra channels)
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Video and audio

Video compression	H.264, MPEG4, M-JPEG
Image settings	Resolution, frame rate, bit rate/quality, brightness, contrast, hue, saturation and sharpness settings
Audio	Two-way
Audio compression	G.711/G.726 PCM

Local display

Display speed	Max. 480 fps real-time monitoring at 1080p
Viewing modes	1x1, 2x2, 3x3, 3x4 or 4x4
OSD information	Camera title, date, time, recording/event status
Viewing control	Video snapshot, optical PTZ control, digital PTZ control, audio control

Remote monitoring (Windows)

Viewing modes	1x1, 2x2, 3x3, 3x4 or 4x4, 8x8, sequential display from multi-site NVR servers simultaneously
OSD information	Camera title, date, time, recording/event status
Viewing control	Full screen display, original video aspect ratio, video snapshot, optical PTZ/digital PTZ
Device tree	Tree view listing and management
Event controls	Event List, digital input status, digital output control

Recording

Recording speed	Max. 64-CH 1920 fps at 1080p
Recording modes	Continuous/motion/alarm recording, multiple continuous/motion/alarm recording schedules
Recording buffer	Adjustable for pre-event recording and post-event recording, recycle HDD

Playback

Playback speed	Local: Max. 16-CH 480 fps at 1080p Remote: Max. 4-CH playback
Playback modes	Local: 1x1, 2x2, 3x3, 3x4 or 4x4 Remote: 1x1, 2x2
Search modes	Local: timeline/motion Remote: timeline

Playback control	Play, pause, reverse play, previous/next frame, speed control (1x, 2x, 4x, 8x, 16x), video snapshot, digital zoom, audio control
Export	Converting recorded video to .avi, .asf or .mkv formats and exporting to a USB storage

Event management

Event triggers	Monitor video motion, digital input, camera disconnected, video loss, storage full, hard disk failure, backup failure, system boot-up, system shutdown and system configuration changed events
Event actions	On-screen event alerts, event logs, digital output, e-mail notifications with video recordings attached

System

Firmware upgrades	Firmware upgrades and patch through a USB or a webpage
Others	Supporting remote system shutdown, reboot, and remote console management

Security

Authority management	Multi-level privilege
Logs	Event logs, user logs supported

Disk management

Redundant storage	non-RAID, RAID-1, RAID-5 HDD modes
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Network

Interface	100/1000 Mbps Ethernet, RJ-45
Supported protocols	HTTP, DHCP, Static IP, DNS, PPPoE, DDNS,
Bandwidth control	Supported

Utility

Setup wizard	DVR setup wizard (discovery DVR, DVR net-)
Others	Windows client, Web client, CMS client,

APPs for mobile devices

Mobile devices supported	iPhone, iPad, Android
Display mode	1, 4 screen division
Live view video quality	HD
Playback	Event video playback
Event alert	Event push notification
PTZ controls	PTZ/ePTZ control supported

* Specifications may be subject to change without prior notice.

Pacidal Corporation Ltd.

8F., No.168, Yongji Rd., Xinyi Dist., Taipei City 110, Taiwan

Tel: +886-2-2765-5526 Fax: +886-2-2765-5280 | E-mail: sales@pacidal.com

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www.pacidal.com