

iN7000 Pro Series – Digital Video Solution

The iN7000 Pro series introduces a new dynamic digital video recording system from Impath Networks. The iN7000 Pro combines the DVR and NVR functionality in a scalable, high capacity and feature rich platform



Features

- Full 4CIF - 704x480 resolution per channel
- Internal Storage up to 9 TB
- RAID 5 HDD Configurations
- Search by Timeline and Keyword
- DVD-RW, USB and Blu-Ray(optional) archiving
- Remote Client with any networked iN7000
- Remote Viewing via Browser
- Multi level User account profiles
- Feature permissions per User
- Advanced Motion Detection include
- Optional Video Content Analytics
- Optional 4U Rack mountable and Hot Swap HDD chassis
- Keyboard and mouse included
- 3 Year Warranty optional 5 Years!

Advanced Search Features

Large drive space and optimized compression enables literally hundreds of hours of security video storage which is only useful if you can easily and quickly retrieve the content that you need. The iN7000 provides multiple advanced search facilities including calendar, timeline and a very powerful keyword search facility. Furthermore synchronized playback of 2 to 16 videos is just a few clicks away using the timeline controls.

Concurrent Analog and IP Camera Support

The iN7000 supports from 16 to 64 analog and IP cameras concurrently. Native IP H.264, MPEG-4, and MJPEG streams can be received along with analog video via integral capture cards viewed live and/or stored to HDD (also SAN, NAS, or external HDD storage solutions) in a Hybrid DVR/NVR operation. Alternatively, the iN7000 can operate exclusively as a DVR or NVR.

Full 4CIF on Every Video

All iN7000 Pro supports full 30fps – 4CIF video record and playback on each channel so no need to compromise video quality. A powerful compression scheme requires significant processing so the iN7000 employs the latest Intel™ CPU ensuring that resources are available for the new generation of highly demanding video processing.

Industrial Quality Reliable Storage

Continuous duty recording requires high quality hard disks. Impath employs only DVR quality certified drives from leading suppliers which are optimized to deliver smooth video playback and recording, near silent operation, and reliability for demanding and continuous duty .

Fault Tolerant Storage

Reliable storage solutions have long relied on RAID HDD configuration for protecting valuable data whereas many recording systems continue to offer simple unprotected drive configurations. The iN7000 leverages RAID technology in a cost effective recording platform providing another level of reliability and ensuring that your security video is protected and available when you need it.

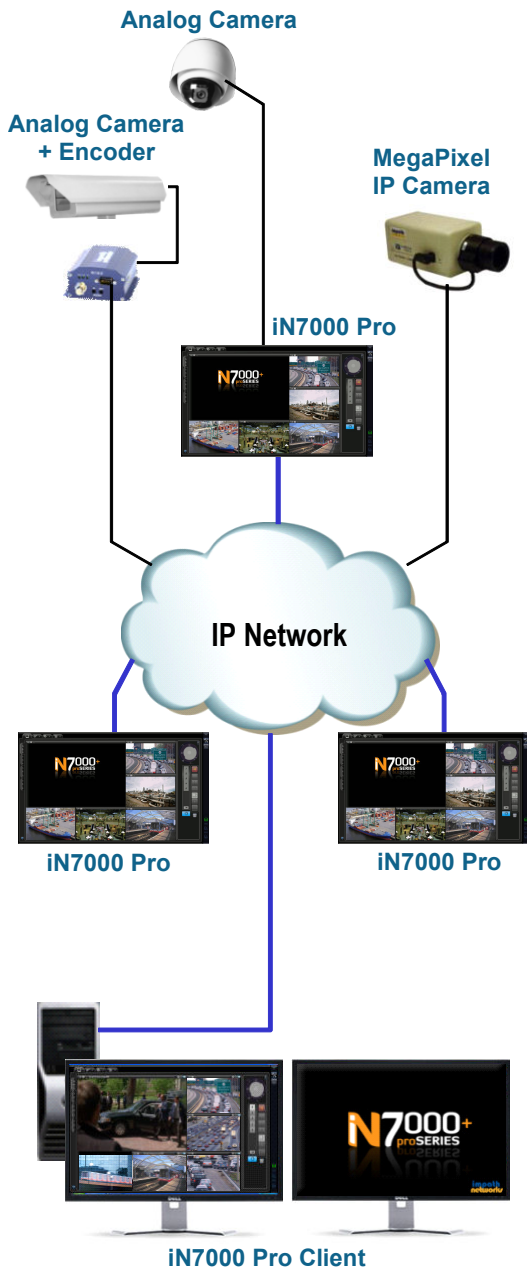
H.264, MPEG-4, MJPEG IP Stream Compatible

H.264 (also known as MPEG-4 AVC or MPEG-4 Part 10) was recognized by and is the second standard to be accepted by the broadcast industry after MPEG-2. The iN7000 accepts H.264, MPEG-4 and MJPEG IP video streams offering maximum versatility.

Point of Sales and Alarm Box System Integration

The iN7000 software supports receive alarm trigger from TransAct compatible POS systems. The software can interact with external alarm box sensors and digital outputs supporting JABSCO and DCTRLS protocols.

iN7000Pro Series



Typical Application

Model	Capacity
iN7016	16 Channel 480fps
iN7032	32 Channel 960fps
iN7048	48 Channel 1440fps
iN7064	64 Channel 1920fps,

* Monitors not included

System

Operating System
CPU
HDD (TB) Expandable to 9 TB
HDD Configurations
RAM (GB)
Network Interface
Graphics
Backup Device
USB Connectors
Peripherals (incl.)

Video Storage

Compression
Resolution
(CIF/2CIF/DCIF/4CIF)

Video Capacity

Recording @ 704x480
Playback @ 704 x 480

Video In/Out

Combined IP and Analog
Spot Monitor

Backup Media

Video Analytics (optional)

DVR Features

Searching
Recording Modes

Pre/Post Delays

User Administration

User Interface

Remote Access

Environmental

Operating Temperature
Storage Temperature
Relative Humidity

Power Requirements

Input Voltage / Power

Chassis Options

- 1) Lite
 - 2) Rack Mount
 - 3) Rack Mount Hot Swap HD
- Dimensions (WxDxH)

- 1) Mid Tower
- 2) 4U - EIA RS-310C
- 3) 4U - EIA RS-310C

Warranty

Basic
Extended Warranty

iN7016 iN7032 iN7048 iN7064

Genuine Microsoft Windows 7 Professional 64 bit
Dual Core
Quad Core
1.5 3.0 3.0 3.0
Raid 5
2 2 4 4
IEEE 802.3 Ethernet RJ-45, PCI-E Gigabit Ethernet
PCI-E, 256MB RAM, Dual Monitor Support
DVR-RW Included (Blu-Ray optional)
6 Minimum
Keyboard and mouse

Native H.264, MPEG-4, or MJPEG.
NTSC 352x240,704x240,528x320,704x480

480 960 1440 1920
480 960 1440 1920

16 32 48 64
Detachable window

DVD-RW, USB, Blu-Ray(Optional)

Advanced Motion (entering/leaving, moving inside, loitering, or stopped in described areas), Fire, Object Tracking, or All Inclusive Package

Timeline and Keyword
Weekly and One Time Schedules (time/date), Continuous or Event Triggered (DI, Motion, Signal Fault, POS Event).

1-10 sec/ 3-30sec in msec. increments

Multi-level user account authorization. Features access permissions per User (remote access, configuration, playback, schedule operation and editing)

Intuitive GUI with dockable windows ideal for multi-display environment featuring configuration, Real-Time Video, Scheduling, Playback windows.

Remote iN7000 connections to any other iN7000 in the network. Remote video viewing via Web Browser or iN7000 Client software.

0 to +40C (32 to +104F)
-20 to +60C (-4 to +140F)
5% to 95% Non-Condensing

90 – 264 VAC / 450W or 650W
(depending on HDD configuration)

iN7016 iN7032 iN7048 iN7064

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7.9" x 16.5" x 18.5" (200mm x 420mm x 470mm)
19" x 20.8" x 7" (482mm x 528mm x 177mm)
19" x 21.5" x 7" (482mm x 545mm x 177mm)

3 Years all inclusive
Optional to 5 year



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