NUUO
Trusted Video Management

SINCE 2004

NUUO Titan Pro
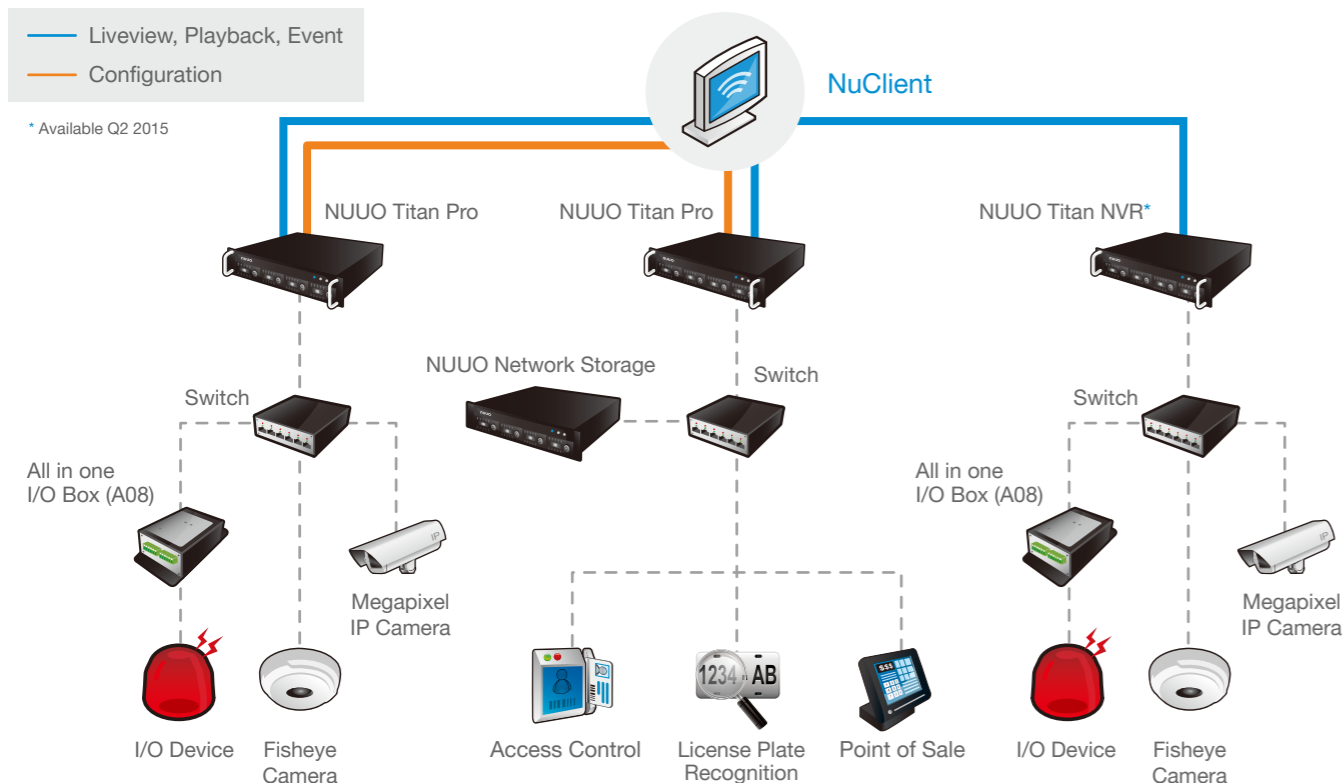
SECURE • POWERFUL • OPEN

Powered by Titan

PCi
Security
Standards Council
™

Scalable Solution

Leading Edge Technology

Seamless Integration

System Structure

Liveview, Playback, Event
Configuration

* Available Q2 2015

NuClient

NUUO Titan Pro
NUUO Titan Pro
NUUO Titan NVR*

NUUO Network Storage

Switch
Switch
Switch

All in one
I/O Box (A08)

All in one
I/O Box (A08)

Megapixel
IP Camera

Megapixel
IP Camera

I/O Device | Fisheye Camera | Access Control | License Plate Recognition | Point of Sale | I/O Device | Fisheye Camera

Product Overview

Megapixel Recording

MEGAPIXEL

NUUO Crystal™ Titan

Up to 550Mbps

Titan Pro
● 3rd Party Avilable
● Boost Recording

Up to 250Mbps

Titan NVR
● Image Fusion

NUUO File Ring Technology

NuClient

System Navigator | Fisheye Dewarp | Diagnostics Service

Windows/ Mac Client | Browser | Mobile Apps

iPad iPhone | android

Industry Applications

Retail
PCI DSS
● Reduce shrinkage
● View & Evaluate day-to-day operations

Industrial
● Process Monitoring
● Mitigate Worker Accident Risks

Healthcare
● Patient and Staff Safety
● Reduce Narcotics Loss

Education
● Campus Safety and Security
● Deter Property Loss

Entertainment
● Visitor and staff's safety
● Reduce frivolous litigation claims

Logistic
● Dispatch line safety
● Reduce cargo theft and damage

Titan Pro vs Titan NVR

Premium Features	Product	Titan Pro	Titan NVR
Max. camera channels per recording server		64	64
Number of Stream Out per Recording Server		256	128
Recording throughput		Up to 550Mpbs	Up to 250Mpbs
Multi-Site Capability		32 Sites	32 Sites, Available Q2 2015
Image Fusion		◆	◆
NUUO Fisheye Dewarp		◆	◆
NUUO Adjustable Dewarp		◆	
Embedded Context Sensitive Manual		◆	
Volume Group for Load Balancing		◆	
Individual Retention Condition		◆	
3rd Party Integration (Access control, Point of Sale, License Plate Recognition)		◆	
PCI compliant for POS Applications		◆	
Diagnostics Service		◆	Available Q2 2015
Boost Recording		◆	
Multi stream setting		◆	
SDK Support		◆	◆
Client Support		Windows/Mac	Windows/Mac
Embedded Motion Detection		Available Q3 2015	
Advanced IVS		Available Q3 2015	

Specification

Product Image						
Type	Tower	Rack-mount 1U		Rack-mount 2U		Rack-mount 2U (Redundant Power)
Model Name	NT-4040	TP-4000R	NT-4040R	TP-8160R	NT-8040R	TP-8160RP	NT-8040RP

Recording Throughput	250 Mbps (MAX), 150 Mbps (OPTIMAL)			**TP-8000 Series :** 250 Mbps(1 Volume Group) / 400 Mbps (2 Volume Group) / 550 Mbps (3 Volume Group) / **NT-8000 Series :** 250 Mbps			
Base License	4	16	4	16	4	16	4
Number of Live View / Spot-out(Local display)	**TP-4000 Series :** 4CH per View, View tour to 64CH / **NT-4000 Series :** 1CH per View, View tour to 64CH			16CH per View, View tour to 64CH			
CPU Model	Intel Atom			Intel Core i5			
Number of Drives	4xSATA II			8xSATA II			
Max Internal Total Storage*1	24TB			48TB			
RAID Level	RAID 0, 1, 5, 10						
I/O Interface	6 x USB 2.0 (for mouse, UPS); 1 x eSATA (for DAS)	4 x USB 2.0 (for mouse, UPS); 1 x eSATA (for DAS)		2 x USB3.0; 2 x USB2.0; 1 x eSATA (for DAS)			
LAN	2 x Gigabit Port, RJ45						
LAN Transmission Speed	10/100/1000 Mbps						
Voltage	100-240V						
Power Consumption	Full loading:50W / Max: 250W			Full loading: 150W / Max: 500W		Full loading: 160W / Max: 500W (Redundant Power)	
Dimension (HxWxD)	212 x 200 x 318 mm	45 x 447 x 429 mm		88 x 447 x 583 mm		88 x 447 x 583 mm	
Weight (Without Drive)	5.3 kg (11.7 lbs)	6.0 kg (13.2 lbs)		11.4 kg (25.1 lbs)		13.2 kg (29.1 lbs)	
Temperature	Operating: 0°C-40°C						
Humidity	Operating: 5%-95%						
Supported Languages (17 languages)	Czech, Chinese(Simplified), Chinese(Traditional), English, Finnish, French, Germany, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish, Swedish, Thai, Turkish						

*1 Version below v3.0 (not including v3.0), the maximum size of volumn cannot exceed 16TB

Compatible Access Control Manufacturers

License Type

License		Part Name	License		Part Name
Titan Pro Expansion		TP-CAM-PRO	Point of Sale		CT-POS-Generic
Titan NVR Expansion		NT-TITAN-UP	Access Control		CT-ACC-Generic