



SATATYA NVR0801X 8Channel NVR with 1 SATA Port
SATATYA NVR1601X 16 Channel NVR with 1 SATA Port
SATATYA NVR1602X 16 Channel NVR with 2 SATA Port
SATATYA NVR3202X 32 Channel NVR with 2 SATA Port
SATATYA NVR3204X 32 Channel NVR with 4 SATA Port
SATATYA NVR6404X 64 Channel NVR with 4 SATA Port
SATATYA NVR6408X 64 Channel NVR with 8 SATA Port



- Compression: H.265
- Decoding: 4K
- Channel: 8 / 16/32/64 Channels
- Storage: 1/2/4/8 SATA Port(10TB)
- Throughput: 512Mbps

USP



H.265 Compression Technique



4K Decoding Technique



12MP Recording Capability



Cascading



Adaptive Recording



RAID Support



SATATYA PARAM - NETWORK VIDEO RECORDERS

SATATYA PARAM range of NVRs are high performing, power packed workhorses engineered for serious video surveillance deployments. In addition to high resolution recording and live view of multiple streams, they offer innovative cascading, powerful investigator and instant notifications. All in all, these flexible and reliable NVRs are ideal for modern organizations looking for proficient, persistent and preventive security. Comprehensive range of NVRs starting from 8 channels to 64 channels. Each variant is housed in a self contained purpose built, rugged, 19" rack mount enclosure.

NVR DIFFERENTIATORS

Cascading

An innovative function allows linking of up to 20 NVRs to expand capacity and live view of all these cameras from any NVR in the loop.

Camera Initiation

NVR accepts cameras' registration requests. Static IP is not required. A camera can switch to failover NVR in case of network or NVR failure.

4K Decoding and HDMI 2.0

Powered by latest video processor, PARAM NVRs offer 4K resolution on HDMI 2.0 for live view and playback.

12MP Camera Recording

PARAM NVRs can handle ultra high resolution streams (up to 12MP) for recording and live view.

Ultra High Decoding Capacity

With power to decode up to 26 cameras streaming H.265 @ 2MP, Matrix PARAM is one of the most powerful NVRs in the market.

High Compression

With on-chip hardware compression, all popular algorithms such as H.265, H.264 and MJPEG, PARAM offers the flexibility to interface with all types of IP cameras and encoders.

Throughput

High resolution cameras dump large video data on the NVR, making throughput a very critical specification. Matrix PARAM is peerless with its capacity to handle 512Mbps.

RAID

Matrix PARAM offers RAID 0, RAID 1, RAID 5 and RAID 10, offering redundancy in video storage.

Adaptive Recording

Save upto 30% storage by switching to lower frame rate during no activity and to higher frame rate during activity.

ConstantVariable Bitrate

Optimize bandwidth usage by configuring every stream with either constant or variable bitrate.



Camera-wise Recording and Backup Days

Define separate retention days for recording and backup for every camera.

Storage

Store up to 80TB of video recordings on a single NVR.

Integration

Matrix NVRs integrate with third-party systems or devices using digital ports and directly with Matrix Access Control.

Instant Notifications

For real-time response and preventive security, Matrix NVRs offer instant notifications such as SMS, Email, Email with Snapshot, Direct Call from Mobile App and Video Pop-up.

TCP Notifications

Stay on top of situations in remote locations with limited connectivity and bandwidth. Using TCP Notifications, Matrix NVRs send alerts and notifications using bandwidth as low as 5Kbps.

Two Way Audio

Using built-in Audio -in and Audio-out ports, connect mic and speaker to capture audio, listen live and talk or make announcements.

Interop

Matrix PARAM offers built-in support for all popular brands of cameras in the market. Further, it also supports ONVIF, RTP/RTSP over TCP/UDP, HTTP Tunneling/Interleaving for connecting other cameras.

Plug-n-Play and Auto Configuration

Matrix NVR automatically searches IP cameras and adds, assigns IP addresses and configures them with a single click.

Matrix DNS

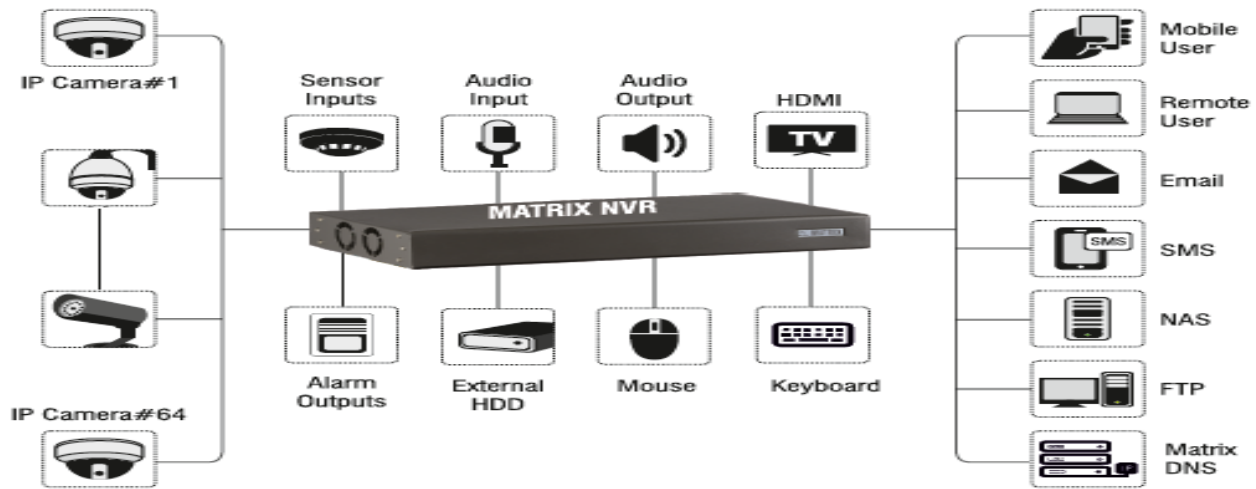
NVRs and cameras can register their customized domain names on Matrix DNS which their clients can access to resolve.

Certification

Matrix NVRs meet national and international certification standards including CE, FCC, ROHS and BIS.



NVR CONNECTIVITY



NVR SELECTION GUIDE

		NVR0801X	NVR1601X	NVR1602X	NVR3202X	NVR3204X	NVR6404X	NVR6408X
Video	IP Channels	8	16	16	32	32	64	64
	HDMI Main	1	1	1	1	1	1	1
Audio	Input	1	1	1	1	1	1	1
	Output	1	1	1	1	1	1	1
Alarm	Input	2	2	2	2	2	2	2
	Output	1	1	1	1	1	1	1
Storage	SATA Ports	1 (10TB each)	1 (10TB each)	2 (10TB each)	2 (10TB each)	4 (10TB each)	4 (10B each)	8 (10TB each)
	RAID Support	Single Disk	Single Disk	RAID 0, RAID 1	RAID 0, RAID 1	RAID 0,1,5,10	RAID 0,1,5,10	RAID 0,1,5,10
Interfaces	10/100/1000 Mbps Adaptive Interface	1	1	2	2	2	2	2
	USB Ports	3	3	3	3	3	3	3
Throughput	512Mbps, 256 Uplink/ 256 Downlink							

SIGHT: NVR MOBILE APPLICATION

SIGHT is a mobile application for Matrix NVR direct users without any server or software. SATATYA SIGHT offers following features:

- Live and Playback Views
- Simultaneous View of up to 16 Streams
- Manage up to 50 NVRs
- Favorite Channel
- Two Way Audio
- Telephony Integration
- Call Button for every Channel
- Digital Zoom
- PTZ Controls
- Mainstream and Substream
- Android, iOS and Windows

