SATATYA NVR0801X

8 Channel NVR with 1 SATA Port

- **Compression:** H.265
- **Decoding:** 4K
- **Channel:** 8 Channels
- **Storage:** 1 SATA Port(10TB)
- **Throughput:** 512Mbps

Matrix NVRs are packed with high end processors to deliver all the functionalities like high resolution recording, playback, simultaneous local and remote monitoring along with storing for higher number of days. Furthermore, these latest NVRs are also backed with an intelligent software to detect threats and send instant notifications for real-time security.
All in all, these comprehensive, flexible, reliable, integrated NVRs provide a proficient, persistent and a preventive security solution suitable for enterprises and multi-location offices.

USP

H.265 Compression Technique

4K Decoding Technique

12MP Recording Capability

Cascading

Adaptive Recording

Camera-Wise Recording Retention

Customer Care: **+91 265 2630555** E-mail: **Inquiry@MatrixComSec.com** **www.MatrixVideoSurveillance.com**

Made in India

SATATYA NVR0801X

8 Channel NVR with 1 SATA Port

MATRIX SECURITY SOLUTIONS

TECHNICAL SPECIFICATIONS	
VIDEO	
Input	8 IP Channels
Output	HDMI (2.0) – 1 Port
Compression	H.265/H.264/Motion JPEG
AUDIO	
Input	1 Channel, RCA Port(2.0Vp-p), Range (-2dBu to 22dBu)
Output	1 Channel, RCA Port (Mono, Unbalanced Output, 2.0Vp-p, Range (-2dBu to 22dBu)
Compression	G.711, G.726, PCM
THROUGHPUT	
Downlink Throughput	256Mbps Following Scenarios are Considered: 1. Cameras Streaming to Device 2. Cameras of Cascaded Devices being Viewed on Local 3. Streaming from NAS for local/Web Client
Uplink Throughput	256Mbps Following scenarios are considered: 1. Cameras Streaming to Web Client 2. Storage or Backup to NAS
Simultaneous Log-in	9+1(Admin)
DISPLAY	
Split (Through LAN/HDMI)	1x1, 2x2, 3x3, 4x4, 1+5, 1+7, 3+4, 2+8, 1+12, 1©+12, 1+9, 4+9,2+12, 5x5, 6x6, 8x8 and Sequential
Resolution(HDMI)	4 x 4k/16 x 1080P/64 x D1
Local Decoding	5x 4K, 15x 3MP, 24x 1080p, 54x720p, 64 x D1
Digital Zoom on Live	Yes
Snapshot	Yes (JPEG)
Cascading	Up to 20 SATATYA Devices
OSD	Channel Number and Name, Status, Video Loss, Recording and Disabled Channel (As per camera support)
RECORDING	
Image Resolution	12MP, 8MP, 5MP,3MP, 2MP, 1080P, D1, CIF
Pre-Record	Up to 30 Sec
Post-Record	10-300 Sec
Snapshot Format	JPEG
Recording Types	Scheduled, Manual, Alarm and COSEC
STORAGE AND BANDWIDTH OPTIMIZATION	
Storage	Automatically Reduces the Number of Frames Captured Per Second Where There is No Motion, Thereby Saving Storage Space.

SATATYA NVR0801X

8 Channel NVR with 1 SATA Port

Bandwidth	Automatically Adapts Optimized Resolution on Local Display through HDMI
PLAYBACK AND BACKUP	
Search Mode	Date and Time, Camera, Event, Recording Type
Playback Modes	Fast Forward, Slow Forward, Slow Reverse, Fast Reverse at Different Speed Control, Next-Previous Frame
Backup	Manual Backup over USB and NAS, Scheduled Backup over USB, NAS and FTP
Configuration Backup	Yes
Network Protocols	TCP/IP, DHCP, PPPOE DNS, DDNS, Free Matrix DNS, FTP, SMTP, NTP, RTP/RTSP, HTTP, CIFS/NFS, UPnP
Remote Operation	Monitor, PTZ Control, Playback, System Setting, File Download, Log Information, Upgrade
EVENTS AND ACTION	
Trigger Events	Motion Detection, View Tampering, Connection Failure, Recording Failure, Manual Trigger, On Boot Alarm, Storage Alert, Disk Volume Full, Disk Fault, Scheduled Backup Fail
Actions	Recording on Selected Channel, FTP/Email server, Email Notification with Snapshot, TCP Notification, Recall PTZ Preset Position, Turn On/Off Alarm Outputs, Buzzer Notification, SMS Notification, Calling from Mobile App
STORAGE INTERFACE	
SATA Interface	1 SATA III (10TB per port)
NAS	2 NAS
USB	1TB USB Drive
RAID	Single Disk
Recording / Backup Retention	Camera wise, HDD usage % wise, Day wise
INTERFACE	
Network Interface	1 Ports x Ethernet (RJ-45) 10/100/1000Mbps
USB	3 Ports (1x USB 3.0, 2x USB2.0)
LED	System Status LED, Power LED
Alarm Input	2
Alarm Output	1
Reset Switch	Yes
Buzzer	Yes
SYSTEM INTERFACE	
Processor	Hisilicon Hi3536A
OS	Linux
Control Mode	Mouse, Web Client and Mobile Client
CAMERA SUPPORT	

SATATYA NVR0801X

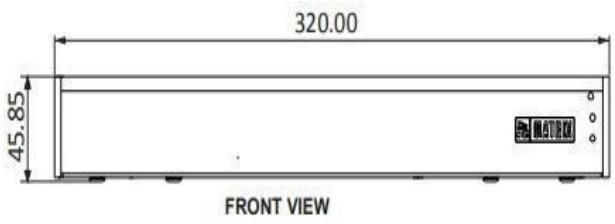
8 Channel NVR with 1 SATA Port

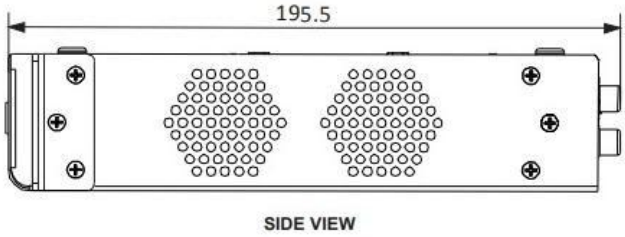
Camera Brands	Axis, ACTi, Samsung, Panasonic, Sony, Hikvision, Dahua, Planet, Vivotek, LevelOne, Grandstream, Infinova, D-Link, Mobotix, and ONVIF 2.0 & above Support
ONVIF Support	Yes
ENVIRONMENT CONDITION	
Operating Temperature	0°C to +50°C (32°F to 122°F)
Humidity Range	5% to 95% RH Non-Condensing
ELECTRICAL AND MECHANICAL	
Power Input	12VDC, 5A
Dimension(W×H×D)	320(without clamp) × 45.85 × 195.5
Weight(Kg)	1.38kg

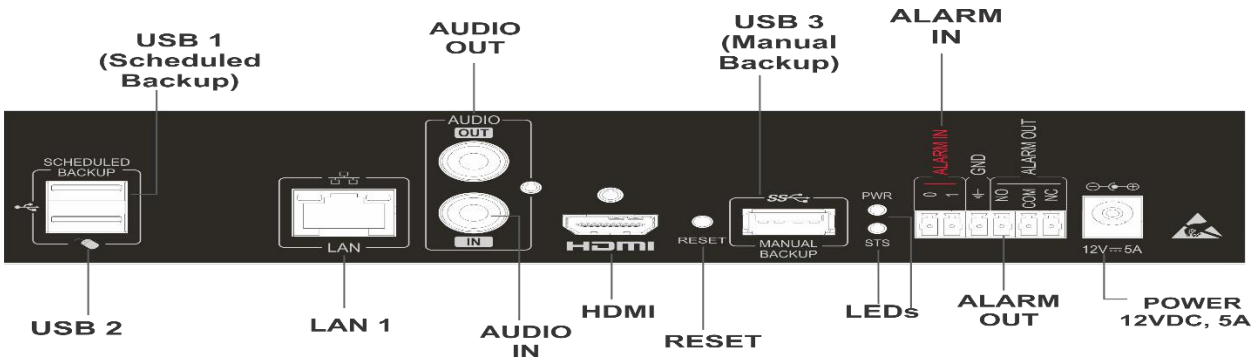
SATATYA NVR0801X

8 Channel NVR with 1 SATA Port

DIMENSIONS







ABOUT MATRIX

Established in 1991, Matrix is a leader in security and telecom solutions for modern businesses and enterprises. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in security and telecom industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products such as Unified Communications, IP-PBX, Universal Gateways, Convergence, VOIP Gateways, GSM Gateways, IP Video Surveillance, Access Control and Time-Attendance. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Europe, North America, South America, Africa and Asia through an extensive network of more than 1000 system integrators, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many national and international awards for its innovative products.

MATRIX COMSEC
Head Office
394-GIDC, Makarpura, Vadodara-390 010, India.
Ph: +91 265 2630555
E-mail: Inquiry@MatrixComSec.com

Factory
19-GIDC, Waghodia, Dist. Vadodara-391 760, India.
Ph: +91 2668 263172/73

www.MatrixVideoSurveillance.com