

# Technical Specification

SIM Based Router	
Device Interfaces	<ul style="list-style-type: none"><li>• 1 x Gigabit Ethernet LAN port</li><li>• 1 x Gigabit Ethernet WAN port</li><li>• 1 x WPS button</li><li>• 1 x Reset button</li><li>• 1 x Power button</li><li>• 1 x SIM Card slot</li><li>• 1 x Power connector</li></ul>
Antenna Typ	<ul style="list-style-type: none"><li>• 2 x 2.4 GHz WLAN internal antennas</li><li>• 2 x 5 GHz WLAN internal antennas</li><li>• 4 x LTE/5G NR internal antennas</li></ul>
Data Signal Rates	<ul style="list-style-type: none"><li>• 5G NR (SA mode) Downlink up to 2.4 Gbps/Uplink up to 900 Mbps</li><li>• 5G NR (NSA mode) Downlink up to 3.4 Gbps/Uplink up to 550 Mbps</li><li>• LTE Downlink up to 1.6 Gbps/Uplink up to 200 Mbps</li><li>• DC-HSPA Downlink up to 42 Mbps/Uplink up to 5.76 Mbps</li></ul>
Wi-Fi Data Rates1	<ul style="list-style-type: none"><li>• 5 GHz up to 2402 Mbps</li><li>• 2.4 GHz up to 574 Mbps</li></ul>
IEEE Standard	<ul style="list-style-type: none"><li>• IEEE 802.11ax/ac/n/g/b/a</li><li>• IEEE 802.3u/ab</li></ul>
Frequency Support	<ul style="list-style-type: none"><li>• 5G:</li><li>• SA:n1/3/5/7/8/20/28/38/40/41/71/75/76/77/78</li><li>• NSA: n1/3/5/7/8/20/28/38/40/41/71/75/76/77/78</li><li>• LTE: B1/3/5/7/8/20/28/32/38/40/41/42/43/71</li><li>• WCDMA: B1/B5/B8</li></ul>
Security Protocol	<ul style="list-style-type: none"><li>• WPA (Wi-Fi Protected Access)</li><li>• WPA2</li><li>• WPA3</li><li>• WPS (Wi-Fi Protected Setup)</li></ul>
Firewall	<ul style="list-style-type: none"><li>• Stateful Packet Inspection</li><li>• Anti-spoofing Checking</li><li>• IP/MAC Address Filtering</li><li>• 1 x DMZ</li></ul>

## TS: 8 Channel NVR with 4K Support and 1 HDD Slot

(i) 8 IP Channel Inputs; HDMI ;12MP, 8MP, 5MP, 4MP, 3MP, 2MP, 720p, D1 and CIF Recording Resolution
(ii) 2x 4K/8x 1080p/16x 720p/ 36x D1 @ 30FPS Local Decoding
(iii) 1 SATA HDD Support (Maximum 10TB Capacity, Hard Disk Not
(iv) Save Storage Space with Adaptive Recording and Camera-wise Recording Retention
(v) 360Mbps Throughput – 180 Uplink, 180 Downlink
✓(vi) Cascading: Create Multiple NVR Clusters to Monitor and Control Multiple NVRs Centrally
(vi) ONVIF and Major Camera Brands Support

(vii) NDAA Compliant
Make & Model: SATATYA NVR0801XS P2 or better

**23.5 inch or above Full HD (1920 X 1080) LED display monitor**

Screen Size	23.5 Inch or higher
Response Time	5 ms (GTG) or better
Contrast Ratio	1000:01:00
Brightness	250 cd/m <sup>2</sup> (Typical), 200 cd/m <sup>2</sup> (Min)
Interface	HDMI
Aspect Ratio	16:09
Refresh Rate	75 Hz or better
Operating Temperature	10 - 40°C
Display Type	Full HD
Display Resolution	1920 x 1080 Pixels
Panel Type	IPS
Form Factor	Flat
Country of Origin	India
Power Cable Length	1.5 m minimum
Name of Manufacturer/Packer/Importer	Aster Printers
Size (cm)	59.69 cm or higher
Model No	SAMSUNG LS24C310EAWXXL

**Mid Level Craft terminal**

Operating System	Windows 11
Hard Disk	SSD,
Hardware Interface	3.5mm Audio, Ethernet, HDMI, USB, USB Type C
Video Output	HDMI
Video Output Interface	HDMI
Hard Drive Interface	PCIe x 4
Cooling Method	Air
Memory	
Cache Memory Installed Size	12 MB
DriveMemory Storage Capacity	512 GB
RAM Memory Installed	8 GB
RAM Memory Technology	DDR5
Ram Memory Maximum Size	32 GB
Memory Speed	4800 GHz
Memory Clock Speed	4.8 Ghz
Processor	
Processor Type	Intel Core i3 14th generation

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DSTE/MLDT

(7) (18) (P7)

Processor Speed	3.5 GHz
Processor Count	4
Connectivity	Ethernet, RJ-45
Wireless Network Technology	Wi-Fi
Network Connectivity Technology	Bluetooth, USB
Ports	3xUSB3.0 or higher -
Total USB Ports	5 or higher
Total HDMI Port	1 or higher
Total Video Out Ports	2 or higher
Graphics	
Graphics Description	Integrated
Graphics Co Processor	Intel UHD
Graphics Ram Type	Shared
Graphics Card Interface	Integrated
Additional Features	Keyboard, Mouse

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