# Cyber Command Datasheet

## Intelligent Threat Detection and Response Platform

········· **Stay Ahead Of Emerging Threats With Sangfor Cyber Command** ·········

Sangfor Cyber Command is a best-in-class Network Detection and Response (NDR) solution that is designed to help organizations detect and respond to advanced and unknown security threats residing in their network.

Cyber Command harnesses the power of advanced artificial intelligence (AI) and machine learning (ML) technologies to monitor and analyze network-wide traffic in real-time, identifying and alerting security teams to any anomalies in network activity. These anomalies can otherwise appear as benign network traffic that has been manipulated or disguised by intelligent malware or sophisticated adversary techniques.

By providing unprecedented visibility of their network environment, Cyber Command empowers security teams to take rapid action to remediate hidden threats, attacks in progress, as well as risks and vulnerabilities. Cyber Command's built-in SOAR module further enables security teams to automate response actions to detected threats, significantly minimizing the impact caused by security incidents.

With Sangfor Cyber Command, organizations can transform from passive bystanders to active participants in the battle against cyber threats. Equipped with this advanced security solution, they can effectively stay ahead of increasingly sophisticated cyber threats of both today and tomorrow.

Sangfor Stealth Threat Analysis (STA) is the sensor used in the Cyber Command solution. It is a hardware device that collects raw network traffic mirrored from switches and extracts traffic metadata, such as the source and destination IP addresses, protocol, port, packet size, timestamp, and other network-level data. It correlates the data into contextualized event logs and then forwards them to Cyber Command for more in-depth analysis.



Stealth Threat Analysis (STA) Front & Rear view



Cyber Command Front & Rear view

Cyber Command collects data from the STA sensor and applies AI and machine learning techniques to correlate and analyze the data. It then compares the real-time analysis results with established baselines of normal network behaviors to detect anomalies concealing malicious activities, such as stealthy command and control (C2) communication, lateral movement disguised as business traffic and irregular user behavior indicating insider threats.

## Sangfor Cyber Command – Physical Appliance

| Model | | CC-1000 | CC-2000 | CC-3000 |
|---|---|---|---|---|
| **Performance** | | | | |
| **Based on STA** | STA | 5STA-100 | 8STA-100 | 12STA-100 |
| | Throughput (Gbps) | 5 | 8 | 12 |
| **Based on Logs** | Daily access log number (Million/Day) | 216 | 270 | 378 |
| | Average EPS (Per log/Sec) | 2,500 | 3,125 | 4,375 |
| | Per EPS (Per log/EPS) | 10,000 | 12,000 | 15,000 |
| | Disk consumption (GB/Day) | 112 | 142 | 200 |
| | Estimated storage days/1Gbps (Assumed throughput) | 1,200 | 1,500 | 1,800 |
| **Technical Specifications** | | | | |
| **Memory (GB)** | | 96 | 128 | 256 |
| **CPU (Cores)** | | 10 | 10 | 20 |
| **System Disk** | | 240GB SSD | 240GB SSD | 240GB SSD |
| **Data Hard Drive Capacity** | | SATA 4TB*8 (Total: SATA 32TB) | SATA 4TB*10 (Total: SATA 40TB) | SATA 4TB*12 (Total: SATA 48TB) |
| **LSI Raid** | | Raid 50 | Raid 50 | Raid 50 |
| **Hardware Specifications** | | | | |
| **Dimension (L x W X H) (mm)** | | 800 x 448 x90 | 800 x 448 x90 | 800 x 448 x90 |
| **Rack Height** | | 2U | 2U | 2U |
| **Gross Weight (kg)** | | 42 | 45 | 45 |
| **Power Supply** | | Redundant | Redundant | Redundant |
| **Rated Power (W)** | | 386 | 436 | 557 |
| **Maximum Power (W)** | | 800 | 800 | 800 |
| **Bypass** | | N/A | N/A | N/A |
| **Copper Ports** | | 10/100 /1000BASE-T*4 | 10/100 /1000BASE-T*4 | 10/100 /1000BASE-T*6 |
| **SFP/SFP + Ports** | | N/A | 10GbE SFP+*2 | 10GbE SFP+*2 |
| **Serial Ports** | | 1 x DB9 | 1 x DB9 | 1 x DB9 |
| **USB** | | USB3.0*4 | USB3.0*4 | USB3.0*4 |
| **Conversion Relation For STA** | | STA-300 = STA-100*3 , STA-500 = STA-100*10 | | |

## Stealth Threat Analysis (STA) – Physical Appliance

| Model | STA-100 | STA-300 | STA-500 |
|---|---|---|---|
| **Performance** | | | |
| Peak Sustained Throughput (Gbps) | Up to 1.0 | Up to 3.0 | Up to 10.0 |
| **Technical Specifications** | | | |
| Memory (GB) | 8 | 8 | 32 |
| Hard Drive | 128GB SSD | 480GB SSD | 960GB SSD |
| **Hardware Specifications** | | | |
| Dimension (L x W X H) (mm) | 400 x 430 x 44.5 | 600 x 440 x 89 | 600 x 440 x 89 |
| Rack Height | 1U | 2U | 2U |
| Gross Weight (kg) | 7.5 | 18.65 | 24 |
| Power Supply | Single | Dual | Dual |
| Rated Power (W) | 30 | 55 | 350 |
| Maximum Power (W) | 60 | 150 | 760 |
| Bypass | N/A | N/A | N/A |
| Copper Ports | 10/100/1000BASE-T*6 | 10/100/1000BASE-T*6 | 10/100/1000BASE-T*8 |
| SFP/SFP + Ports | 1GbE SFP*2 | 10GbE SFP+*2 | 1GbE SFP*8 10GbE SFP+*4 |
| Serial Ports | RJ45*1 | RJ45*1 | RJ45*1 |
| USB | USB2.0*2 | USB2.0*2 | USB2.0*2 |

## Sangfor Cyber Command - Virtual

| Model | vCC-100 | vCC-500 | vCC-1000 | vCC-2000 | vCC-3000 |
|---|---|---|---|---|---|
| **Performance** | | | | | |
| Traffic Handling Capacity (GB) | 2 | 3 | 5 | 8 | 12 |
| Blog Handing Capacity (EPS/s, Peak) | 5,000 | 5,000 | 10,000 | 12,000 | 15,000 |
| **Technical Specifications** | | | | | |
| CPU (Main Frequency, Number of Cores) | 3.60GHz*8 | 3.60GHz*8 | 2.10GHz*16 | 2.10GHz*32 | 2.60GHz*40 |
| Memory (GB) | 64 | 64 | 128 | 128 | 256 |
| System Disk | 128GB SSD | 128GB SSD | 128GB SSD | 128GB SSD | 128GB SSD |
| Hard Disk | 2TB | 2TB | 4TB | 8TB | 8TB |

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| Stealth Threat Analysis (STA) Sensor - Virtual | | |
|---|---|---|
| **Model** | **vSTA-100** | **vSTA-200** |
| **Performance** | | |
| **Traffic Handling Capacity (GB)** | 1 | 2 |
| **Technical Specifications** | | |
| **CPU (Main Frequency, Number of Cores)** | 2.4GHz*8 | 2.4GHz*16 |
| **Memory (GB)** | 8 | 16 |
| **System Disk** | > 64GB | > 64GB |
| **Recommended Minimum Data Disk** | > 128GB | > 128GB |

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