

# Cyber Command Datasheet

## Intelligent Threat Detection and Response Platform

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Cyber Command is a platform that significantly improves customer's security detection and response capability. Cyber Command monitors internal network traffic, correlates existing security events, applies artificial intelligence and behavior analysis, aided with global threat intelligence. Unlike other tools, Cyber Command uncovers attacks that breaches existing security controls; and impact analysis identifies hidden threats within the network. This allows customers to significantly improve ability to understand the current threat landscape. Cyber Command also simplifies the response of security operations with native integration with network and endpoint security solutions. Overall, Cyber Command helps customers to improve their IT security and risk posture.

Cyber Command can scale from a single network deployment to a broader deployment with multiple data centers and branch offices. Cyber Command is easily deployed within your environment without changes to your network or security settings. Cyber Command has two modules: Cyber Command Platform and Stealth Threat Analysis (STA).

### Cyber Command Platform

Cyber Command collects data from STA sensor and other sources of data origin, normalizes, correlates the data, and presents threat detection, threat hunting and response capabilities.



All Pictures shown are for illustration purpose only. Actual Product may vary.

### STA: Stealth Threat Analysis



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STA is a sensor that collects raw network traffic that is mirrored from switches, extracts security events, detects abnormal behaviors. STA only forwards less than 1% of the data to Cyber Command.

## Detail Parameters

| Cyber Command Platform               |  |  |   |                        |
|--------------------------------------|--|--|---|------------------------|
|                                      |  | CC-1000                                      | CC-2000                                       | CC-3000                |
| <b>Performance based on STA Mode</b> |  | 5 STA-100                                    | 8 STA-100                                     | 12 STA-100             |
| <b>Performance based on Logs</b>     | Daily access log number (Million/Day)                | 200  | 250   | 350                    |
|                                      | Average EPS (per log/SEC)                            | 2500   | 3150  | 4350                   |
|                                      | Peak EPS (per log/SEC)                               | 10000  | 12000   | 15000                  |
|                                      | Disk consumption (GB/ day)                           | 110  | 140   | 200                    |
|                                      | Estimate storage days base on above parameter (days) | 1350   | 1440  | 1290                   |
| <b>Memory</b>                        |  | 96G  | 128G  | 256G                   |
| <b>CPU</b>                           |  | 16 Cores                                     | 16 Cores                                      | 20 Cores               |
| <b>System Disk</b>                   |  | SSD 128G                                     | SSD 128G                                      | SSD 128G               |
| <b>Data Hard Drive Capacity</b>      |  | SATA 4T*8                                    | SATA 4T*10                                    | SATA 4T*12             |
| <b>LSI Raid</b>                      |  | Raid50                                       | Raid50  | Raid50                 |
| <b>Dimensions (cm)</b>               |  | 664*444*88                                   | 660*425*90                                    | 735*447*88             |
| <b>Rack Height</b>                   |  | 2U   | 2U  | 2U                     |
| <b>Gross Weight</b>                  |  | 42KG   | 45KG  | 45KG                   |
| <b>Power Supplies</b>                |  | Redundant                                    | Redundant                                     | Redundant              |
| <b>Nominal Power</b>                 |  | 383W   | 385W  | 473W                   |
| <b>Maximum Power</b>                 |  | 550W   | 550W  | 550W                   |
| <b>Bypass</b>                        |  | N/A  | N/A   | N/A                    |
| <b>Copper Analysis Ports</b>         |  | 4 x 10/100/1000 BASE-T                       | 4 x 10/100/1000 BASE-T                        | 6 x 10/100/1000 BASE-T |
| <b>SFP+ Analysis Ports</b>           |  | N/A  | 2x 10Gbe SFP+                                 | 2x 10Gbe SFP+          |
| <b>Serial Ports</b>                  |  | N/A  | DB9*1   | DB9*1                  |
| <b>USB</b>                           |  | USB2.0*4                                     | USB2.0*4                                      | USB2.0*3               |
| <b>Conversion Relation for STA</b>   |  | STA-200 = 2* STA-100<br>STA-400 = 6* STA-100 | STA-300 = 3* STA-100<br>STA-500 = 10* STA-100 |                        |

For more information on Sangfor' full range of support & services, please contact your local Sangfor representative.

## STA: Stealth Threat Analysis

|                                  | STA-100              | STA-200              | STA-300                    | STA-400                      | STA-500              |
|----------------------------------|----------------------|----------------------|----------------------------|------------------------------|----------------------|
| <b>Peak Sustained Throughput</b> | Up to 1.0Gbps        | Up to 2.0Gbps        | Up to 3.0Gbps              | Up to 6.0Gbps                | Up to 10.0Gbps       |
| <b>Memory</b>                    | 4G                   | 8G                   | 8G                         | 16G                          | 32G                  |
| <b>CPU</b>                       | 2 Cores              | 4 Cores              | 4 Cores                    | 8 Cores                      | 20 Cores             |
| <b>Hard Drive</b>                | SSD 64G              | SATA 1T              | SATA 1T                    | SATA 1T                      | SATA 1T              |
| <b>Dimensions (cm)</b>           | 430*390*44.5         | 500*440*89           | 500*440*89                 | 600*440*90                   | 600*440*90           |
| <b>Rack Height</b>               | 1U                   | 2U                   | 2U                         | 2U                           | 2U                   |
| <b>Gross Weight</b>              | 8.65KG               | 18KG                 | 24KG                       | 24KG                         | 24KG                 |
| <b>Power Supplies</b>            | Single               | Dual                 | Dual                       | Dual                         | Dual                 |
| <b>Nominal Power</b>             | 180W                 | 212W                 | 212W                       | 212W                         | 332W                 |
| <b>Maximum Power</b>             | 250W                 | 300W                 | 300W                       | 300W                         | 500W                 |
| <b>Bypass</b>                    | N/A                  | N/A                  | N/A                        | N/A                          | N/A                  |
| <b>Copper Analysis Ports</b>     | 4x10/100/1000 BASE-T | 6x10/100/1000 BASE-T | 6x10/100/1000 BASE-T       | 8x10/100/1000 BASE-T         | 8x10/100/1000 BASE-T |
| <b>SFP+ Analysis Ports</b>       | 2 x 1Gbe SFP         | 4x 1Gbe SFP          | 2x1Gbe SFP<br>2x10Gbe SFP+ | 2x 1Gbe SFP<br>2x 10Gbe SFP+ | 4x 10Gbe SFP+        |
| <b>Serial Ports</b>              | RJ45*1               | RJ45*1               | RJ45*1                     | RJ45*1                       | RJ45*1               |
| <b>USB</b>                       | USB2.0*2             | USB2.0*2             | USB2.0*2                   | USB2.0*2                     | USB2.0*2             |

## Cyber Command - Virtual Appliance

|  | vCC-100     | vCC-500     | vCC-1000     | vCC-2000     | vCC-3000     |
|--|-------------|-------------|--------------|--------------|--------------|
| <b>Traffic Handling Capacity</b>             | 2G          | 3G          | 5G           | 8G           | 12G          |
| <b>Blog Handling Capacity (EPS/s, Peak)</b>  | 5000        | 5000        | 10000        | 12000        | 15000        |
| <b>CPU (Main Frequency, Number of Cores)</b> | 3.60GHz * 8 | 3.60GHz * 8 | 2.10GHz * 16 | 2.10GHz * 16 | 2.60GHz * 20 |
| <b>Memory</b>                                | 64G         | 64G         | 96G          | 128G         | 256G         |
| <b>System Disk</b>                           | 128G SSD    | 128G SSD    | 128G SSD     | 128G SSD     | 128G SSD     |
| <b>Hard Disk</b>                             | 12.8T       | 16T         | 32T          | 40T          | 48T          |

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