

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
Performance based on STA Mode		5 STA-100	8 STA-100	12 STA-100
Performance based on Logs	Daily access log number (Million/Day)	216	270	378
	Average EPS (per log/SEC)	2500	3125	4375
	Peak EPS (per log/SEC)	10000	12000	15000
	Disk consumption (GB/day)	112	142	200
	Estimate storage days/1Gbps (assumed throughput)	1200	1500	1800
Memory		96G	128G	256G
CPU		10 Cores	10 Cores	20 Cores
System Disk		SSD 240G	SSD 240G	SSD 240G
Data Hard Drive Capacity		SATA 4T*8	SATA 4T*10	SATA 4T*12
LSI Raid		Raid50	Raid50	Raid50
Dimensions (cm)		800*448*90	800*448*90	800*448*90
Rack Height		2U	2U	2U
Gross Weight		42KG	45KG	45KG
Power Supplies		Redundant	Redundant	Redundant
Nominal Power		383W	385W	473W
Maximum Power		800W	800W	800W
Bypass		N/A	N/A	N/A
Copper Analysis Ports		4 x 10/100/1000 BASE-T	4 x 10/100/1000 BASE-T	6 x 10/100/1000 BASE-T
SFP+ Analysis Ports		N/A	2x 10Gbe SFP+	2x 10Gbe SFP+
Serial Ports		N/A	DB9*1	DB9*1
USB		USB3.0*4	USB3.0*4	USB3.0*3
Conversion Relation for STA		STA-300 = 3* STA-100 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-300	STA-500
Peak Sustained Throughput	Up to 1.0Gbps	Up to 3.0Gbps	Up to 10.0Gbps
Memory	8G	8G	32G
Hard Drive	SSD 128G	SSD480G	SSD 960G
Dimensions (cm)	400*430*44.5	600*440*89	600*440*89
Rack Height	1U	2U	2U
Gross Weight	7.5KG	18.65KG	24KG
Power Supplies	Single	Dual	Dual
Nominal Power	30W	55W	350W
Maximum Power	60W	150W	760W
Bypass	N/A	N/A	N/A
Copper Analysis Ports	6x10/100/1000 BASE-T	6x10/100/1000 BASE-T	8x10/100/1000 BASE-T
SFP+ Analysis Ports	2 x 1Gbe SFP	2 x 10Gbe SFP+	8 x 1Gbe SFP 4 x 10Gbe SFP+
Serial Ports	RJ45*1	RJ45*1	RJ45*1
USB	USB2.0*2	USB2.0*2	USB2.0*2

Cyber Command - Virtual Appliance					
	vCC-100	vCC-500	vCC-1000	vCC-2000	vCC-3000
Traffic Handling Capacity	2G	3G	4G	5G	7G
Blog Handling Capacity (EPS/s, Peak)	5000	5000	10000	12000	15000
CPU (Main Frequency, Number of Cores)	3.60GHz * 8	3.60GHz * 8	2.10GHz * 16	2.60GHz * 32	2.60GHz * 40
Memory	64G	64G	128G	128G	256G
System Disk	128G SSD	128G SSD	128G SSD	128G SSD	128G SSD
Hard Disk	2T	2T	4T	8T	8T

Virtual STA		
	vSTA-100	vSTA-200
Traffic Handling Capacity	1G	2G
CPU (Main Frequency, Number of Cores)	2.4G * 8	2.4G * 16
Memory	8G	16G
System Disk	>64G	>64G
Data Disk Recommend (Minimum)	>128G	>128G

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