

## Darktrace Cyber Intelligence Platform (DCIP)

Darktrace appliances are highly tuned, high performance pieces of hardware that host the Darktrace platform. There are multiple types of Darktrace appliance, with different throughput capacities and options for data ingestion.

Darktrace’s technical experts will help you decide which type of appliance you need based on the organization’s bandwidth and the number of internal devices present.

**IMP:** This rugged appliance uses specialized industrial-grade hardware capable of operating reliably in a wide range of temperature, humidity, vibration, and shock conditions which would be unsuitable for standard servers. The IMP can only operate as a probe and is suitable for multiple low-capacity locations. It is available with a variety of chassis mounting options, and has the following physical ports:

- 1 x 1 Gbe admin interface
- 3 x 1 Gbe analysis port



**DCIP-S:** Ideal for small deployments with a limited number of devices. It can be configured as a probe to act as a collector in larger deployments. The DCIP-S appliance contains the following ports:

- 1 x out-of-band interface
- 1 x 1Gbe admin interface
- 3 x 1Gbe analysis ports



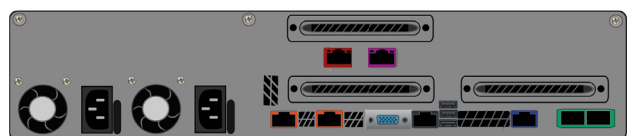
**DCIP-M:** Small to Medium sized companies typically choose the Medium DCIP as they’re 25x more powerful than a small in terms of connection count capacity. The DCIP-M appliance contains the following physical ports:

- 1 x out-of-band interface
- 1 x 1Gbe admin interface
- 3 x 1Gbe analysis port
- 2 x SFP+ analysis ports



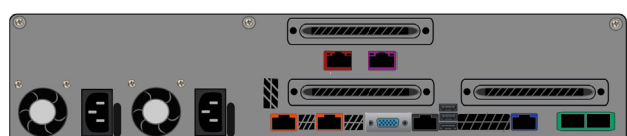
**DCIP-X2:** The Darktrace DCIP-X2 series appliances are capable of ingesting data from multiple sources over different types of cable media. The X2 series is suitable for deployment in higher capacity environments and can operate as a master or probe as part of a distributed Darktrace deployment, or can function as a standalone device. The X2 series can be further expanded by additional network interface modules to provide further flexibility in deployment configuration. The DCIP-X2 appliance contains the following physical ports:

- 1 x out-of-band interface
- 1 x 1Gbe admin interface
- 1 x 1Gbe analysis port
- 2 x 1Gbe / 10Gbe analysis ports
- 2 x SFP+ analysis ports



**DCIP-Z:** The DCIP-Z series combine maximum processing power and high speed disk access. DCIP-Z appliances are suited to be placed as master appliances at the core of a high throughput master/probe distribution. The DCIP-Z appliance contains the following physical ports:

- 1 x out-of-band interface
- 1 x 1Gbe admin interface
- 1 x 1Gbe analysis port
- 2 x 1Gbe / 10Gbe analysis ports
- 2 x SFP+ analysis ports



Peak sustained throughput, maximum unique internal devices and maximum connections per minute are dependent on the type of traffic analyzed, the behavior of the devices and the application of software features. The values in this table have been derived from real-world corporate networks, and refer to a sustained rate, allowing for traffic peaks. Every network is different and so these metrics should be used as a guide only. In addition, the exact throughput capacity of any metric is dependent on the type and nature of the traffic seen by Darktrace.

Peak sustained throughput is the 95<sup>th</sup> percentile of bandwidth ingestion.

	IMP	DCIP-S	DCIP-M	DCIP-X2-11G	DCIP-Z
<b>Form factor</b>	Mini	1U rack mountable (half-depth)	1U rack mountable	2U rack mountable	2U rack mountable
<b>Dimensions (in)</b>	10.5" x 2.7" x 5.3"	17.32" x 14.57" x 1.73"	17.32" x 29.33" x 1.73"	17.32" x 29.33" x 3.46"	17.32" x 29.33" x 3.46"
<b>Dimensions (cm)</b>	26.5cm x 6.9cm x 13.3cm	44cm x 37cm x 4.4cm	44cm x 74.5cm x 4.4cm	44cm x 74.5cm x 8.8cm	44cm x 74.5cm x 8.8cm
<b>Weight (lbs / Kg)</b>	5 lbs / 2.3 Kg	13.3 lbs / 6 Kg	33 lbs / 15 Kg	51 lbs / 23 Kg	51 lbs / 23 Kg
<b>Racking</b>	DIN-rail, Wall-mount	Fits 19" Rack	Fits 19" rack	Fits 19" rack	Fits 19" rack
<b>Interface admin ports</b>	1 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T
<b>Remote management ports</b>	n/a	1 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T
<b>Copper analysis ports</b>	3 x 10/100/1000 BASE-T	3 x 10/100/1000 BASE-T	3 x 10/100/1000 BASE-T	1 x 10/100/1000 BASE-T 2 x 10 GBASE-T	1 x 10/100/1000 BASE-T 2 x 10 GBASE-T
<b>SFP+ analysis ports</b>	n/a	n/a	2 x 10 Gbe/1 Gbe SFP+	2 x 10 Gbe/1 Gbe SFP+	2 x 10 Gbe/1 Gbe SFP+
<b>Peak sustained throughput</b>	Up to 50 Mbps	Up to 300 Mbps	Up to 2 Gbps	Up to 5 Gbps	Up to 5 Gbps
<b>Maximum unique internal devices</b>	Up to 300 devices analyzed	Up to 1,000 devices analyzed	Up to 8,000 devices analyzed	Up to 36,000 devices analyzed	Up to 50,000 devices analyzed
<b>Maximum connections per minute</b>	500	2,000	50,000	100,000	250,000
<b>Power supply</b>	9 - 36V DC	Single 350W IEC 13C 100/240V	Dual 750W IEC 13C 100/240V	Dual 1100W IEC 13C 100/240V	Dual 1100W IEC 13C 100/240V
<b>Power consumption</b>	Idle 5W - 17 BTU/hr 85% 10W - 34 BTU/hr Max 15W - 51 BTU/hr	Idle 26W - 89 BTU/hr 85% 89W - 305 BTU/hr Max 105W - 358 BTU/hr	Idle 120W - 409 BTU/hr 85% 359W - 1224 BTU/hr Max 418W - 1426 BTU/hr	Idle: 128W - 436 BTU/hr 85%: 365W - 1245 BTU/hr Max 426W - 1453 BTU/hr	Idle: 128W - 436 BTU/hr 85%: 365W - 1245 BTU/hr Max 426W - 1453 BTU/hr
<b>Supported Expansion Modules</b>	Power adaptor 110V-230V AC with regional plug	Can support one expansion model: • 2-port 1G/10G SFP+ • 2-port 1G RJ45 1000 BASE-T • 4-port 1G RJ45 1000 BASE-T	Can support one expansion model: • 2-port 1G/10G SFP+ • 2-port 10G RJ45 10000 BASE-T • 2-port 1G RJ45 1000 BASE-T • 4-port 1G RJ45 1000 BASE-T	Can support up to 3 expansion models: • 2-port 1G/10G SFP+ • 2-port 10G RJ45 10000 BASE-T • 2-port 1G RJ45 1000 BASE-T • 4-port 1G RJ45 1000 BASE-T	Can support up to 3 expansion models: • 2-port 1G/10G SFP+ • 2-port 10G RJ45 10000 BASE-T • 2-port 1G RJ45 1000 BASE-T • 4-port 1G RJ45 1000 BASE-T
<b>Safety certificate</b>	UL 60950-CSA 60950, EN 60950, IEC 60950 CB Certificate & Report, IEC 60950				
<b>EMI Certification</b>	FCC Part 15, Class A (CFR 47) (USA), ICES-003 Class A				