

X3 IN-LINE DECRYPTION

PASSIVE IN-LINE DECRYPTION

The X3 In-Line Decryption supports up to TLS 1.3 passive in-line decryption.

Deploying Profitap's X3-Series In-Line Decryption models as a dedicated solution can enable complete visibility into SSL/TLS traffic. Unencrypted traffic helps network engineers gain deeper visibility into traffic that would otherwise be an encrypted blind spot. Decrypting network traffic can also help speed up troubleshooting processes by helping identify the sources of issues faster.

The passive in-line decryption ensures X3 In-Line Decryption can deliver the relevant, decrypted data to the entire security stack without affecting security tool performance.

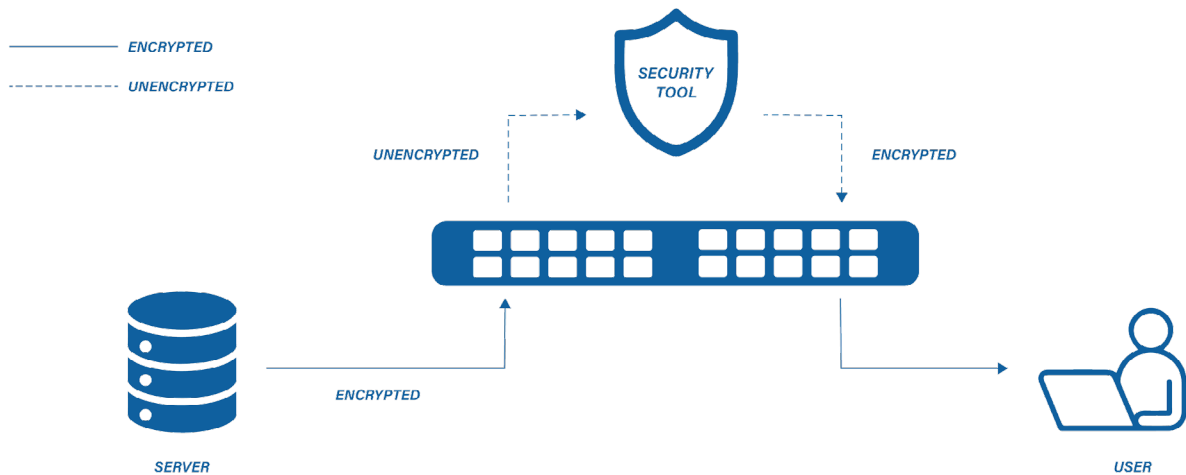
SSL/TLS Decryption

The X3 In-Line Decryption supports passive in-line SSL/TLS traffic decryption. The TLS decryption feature reduces blindspots that exist with encrypted traffic. TLS 1.3 in-line decryption is done via a proxy. Decrypted traffic can be sent to an out-of-band security or analysis appliance.



X3 IN-LINE DECRYPTION FEATURE HIGHLIGHTS

- Passive in-line decryption and re-encryption
- Offload decryption load from security tools
- Scalability: decrypt once, send to multiple tools
- Supports up to TLS 1.3
- TLS 1.3 in-line decryption is done via a proxy



Passive In-Line SSL/TLS Decryption

ORDER REFERENCES

ORDER REFERENCE	TYPE	PORTS	POWER SUPPLY
X3-880G-ID-AC	SSL/TLS In-Line Decryption	48 x 1G/10G, 4 x 40G/100G	100–240 VAC
X3-880G-ID-DC	SSL/TLS In-Line Decryption	48 x 1G/10G, 4 x 40G/100G	30–72 VDC
X3-440G-ID-AC	SSL/TLS In-Line Decryption	24 x 1G/10G, 2 x 40G/100G	100–240 VAC
X3-440G-ID-DC	SSL/TLS In-Line Decryption	24 x 1G/10G, 2 x 40G/100G	30–72 VDC

TECHNICAL SPECIFICATIONS

Management Interfaces	1 x RS232 (RJ45), 1 x Gigabit Ethernet (RJ45)
Management Method	Local CLI, SSH
Dimensions (WxDxH)	446 x 558 x 44 mm — 17.56 x 21.97 x 1.73 in
Weight	13.2 kg — 29.1 lb
Power Consumption	Max. 440 W
MTBF	161,485 hours
Power Supply	100–240 VAC or 36–72 VDC
Power Redundancy	Power module 1+1, hot swappable
Fan	Fan module 4+1, hot swappable
Operating Temperature	0–40°C — 32–104°F
Relative Humidity	10–90% non-condensing
SSL / TLS DECRYPTION	
	In-line
Supported SSL / TLS Versions	TLS 1.0 – TLS 1.3
Asymmetric Keys	RSA, ECDH, ECDHE
Symmetric Keys	AES, 3DES
Hashing Algorithms	SHA, AEAD
Maximum Concurrent Sessions	300,000
Maximum TPS	10,000
Throughput	Up to 10 Gbps