

# 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.

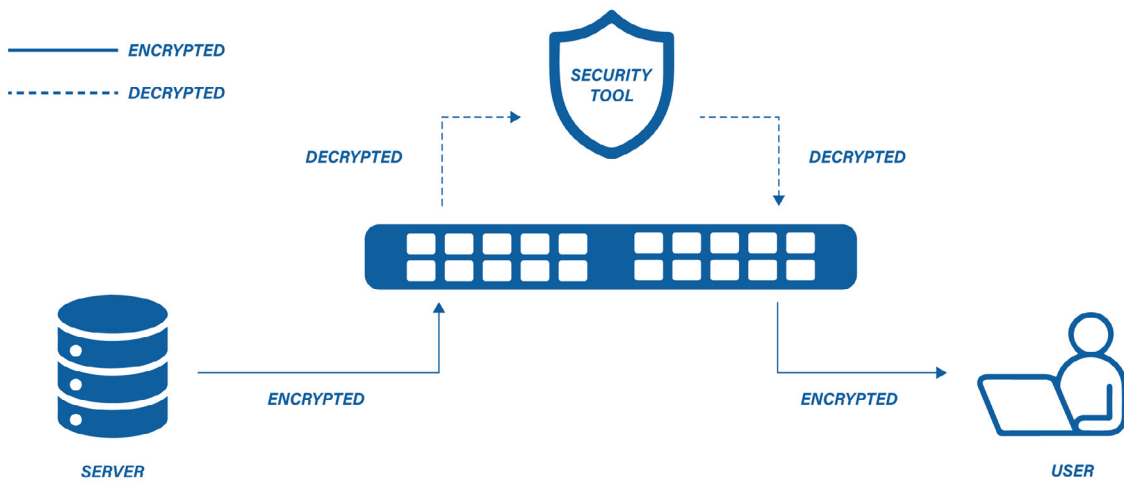


### SSL/TLS Decryption

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

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