D'Crypt TelePort−II

TelePort-II is the next-generation TelePort concentrator designed fully in-house by D'Crypt Pte Ltd. It offers a much higher concentrator bandwidth with increased fault tolerance that minimizes any single point of failure.

Key features

Scalable design TelePort-II concentrator chassis contains slots for up to 8 Tunnel Modules (TMs) with each TM capable of supporting up to 32 tunnels.

High bandwidth TelePort-II supports a maximum single-tunnel bandwidth of 3 Mbps and an aggregate bandwidth determined by the number of TMs installed.

High tunnel capacity Up to 256 tunnels can be supported at any one time.

Intelligent routing A novel routing algorithm assures that TelePort-II distributes load evenly over all TMs with minimal routing latency.

Highly resilient to hardware failure The multi-TMs design guarantees that the failure of any TM only reduces overall tunnel capacity while redundant power supplies allows the unit to continue to operate even when one power supply is down.

Fully back-compatible with existing TelePort clients TelePort-II is a drop-in replacement for any TelePort concentrator. Existing TelePort clients will be able to 'tunnel' to the TelePort-II concentrator seamlessly.

Security

Each TM is built upon a FIPS 140-2 Level 3 certified *d'Cryptor* QE cryptographic core (Certificate No. 465)

Secure storage of keys that are erased upon tamper detection or casing removal

AES 256-bit encryption

Two-way challenge-response crypto handshake

Diversified key scheme

Dedicated button for emergency key erasure

Blacklisting of missing or stolen TelePort clients

Performance

Up to 24 Mbps aggregate bandwidth

Technical Specifications

TelePort-II Concentrator

TelePort-II Concentrator	CON-E2-2	CON-E2-4	CON-E2-8
Ports			
100BaseT LAN	√		
100BaseT WAN	√		
USB 2.0	√		
Indicators	4 LEDs (PWR, TMP, LAN, WAN)		
Tunnel modules	2	4	8
Tunnels supported	64	128	256
Electrical			
Input supply	115-230 VAC		
Typical consumption	150W		
Battery			
Type	CR123A		
Duration	1 year		
Environment			
Temperature	0-40°C		
Humidity	5-90% non-condensing		
Dimensions (W x D x H)	460 mm x 536 mm x 90 mm		

Specifications subject to change without notice