**中階IP封包處理器 產品說明資料**

Product Profile

| Item | Description | | |
| --- | --- | --- | --- |
|  | 項次一 | 項次二 | 項次三 |
| Model Number | M70D-1GA | M70D-10G | M70D-KGM |
| Product Name | 中階IP封包處理器(交流型) | 高階IP封包處理器 | 注碼器 |
| Product Description | 1U 1G VPN Firewall | 1U 10G VPN Firewall | 注碼器 |

### M70D VPN 防火牆系列

M70D series 是專為台灣軍政單位客製化設計的IPsec VPN封包處理器，M70D 中/高階處理器運用於骨幹(專線)網路主節點架設，與各節點建立VPN 連線，IPsec VPN封包處理器彼此可建立VPN安全通道連線或以客製化網路編碼進行封包加密，並提供校時、狀態紀錄、密鑰管理與維修指令加密傳遞服務。

注碼器為行動儲存裝置，硬體包含儲存媒體與資料匯入介面與密碼參數燒錄介面。可於密鑰燒錄平台進行注碼器燒錄（可一次燒錄 20 部裝備以上之密鑰資料同時存放於注碼器內），另注碼器與 IP 封包處理器介接後，可進行檔案配對、密鑰安裝、或韌體安裝等作業。

### Key Features

* IPSec VPN
* High performance SPI Firewall
* Key management system
* Key Distribution Center (KDC) feature
* Networking management service (SNMP…etc.)
* High Availability
* Support Erase data function

# Specifications

|  | M70D-1GA | M70D-10G |
| --- | --- | --- |
| Product Photo |  |  |
| Console interface | 1 x USB Type B | |
| USB 1.0/2.0 Port | 2 x USB Type A | |
| I/O interface | 1 x OOB (Mgmt port)  1 x HA port  2 x Gigabit Ethernet RJ45  4 x SFP  (2 x LAN, 2 x WAN) | 1 x OOB (Mgmt port)  1 x HA port  2 x Gigabit Ethernet RJ45  4 x SFP+  (2 x LAN, 2 x WAN) |
| # of MAC | 8 | 8 |
| LCD Panel | 4行單色背光, 128 x 64 dots, | |
| Keypad | 4 x 4 按鍵鍵盤 | |
| Fan | 2-fan, hot swappable module(2 fan per module) | |
| Power Requirements | Redundant power  - 2 x redundant power, One fan per module  - Hot swappable  AC Input:100~240VAC, 50/60Hz ± 3 Hz, 1.2A  Output: 12V 12.5A, 150W/ per module | |
| Max.  Power Consumption | 110 Watt (with 2x HSM) | |
| Operating Requirements | Temperature: -10 °C to 63 °C  Humidity: 5% to 95% (non-condensing) | |
| Storage Requirements | Temperature: -40 °C to 70 °C  Humidity: 5% to 95% (non-condensing) | |
| Dimensions | (W) 440mm x (D)330 mm x (H)44 mm | |
| Main Placement | Rack mounted design | |

|  | **M70D-KGM** |
| --- | --- |
| Product Photo |  |
| Console Port | * port, DB9 interface. * RS232 certified. * Windows PC support. |
| USB(type-A) | * 1-port, USB type-A interface. * USB 2.0 certified |
| USB(type-B) | * 1-port, USB type-B interface. * USB 2.0 certified. * Battery charger port |
| Input Power  Management | * Input power priority: * 1 st: +3.2 ~ +4VDC battery power * 2 nd:+5VDC power |
| Dimensions | 172.05(L)\*80.70(W)\*32.26mm(T) |