Product Name: Topex Bytton DS 3G Router for Enterprise
Manufacturer: -
Model Number: BYT_HSDPA_D

Availability: In Stock

• All-in-one device for Enterprise applications
• Dual SIM capability
• 3G+ Wireless Router
• Full IPSec implementation
• Fail-safe Internet back-up solution
• Bytton DS - 3G Router for Enterprise

Benefits   Multiple back-up solutions: double 3G coverage, WAN, WiFi and USB connections Secure communications through embedded VPN tunnels: IPSec, PPTP, GRE Unrestricted mobility with high data rates - up to 7.2 Mbps for downlink and 1.44 Mbps for uplink Simultaneous voice and data on 3G network   Several versions according to the mobile Networks Covered:

• GPRS
• EDGE (GPRS faildown)
• CDMA 1x / EVDO
• HSDPA (UMTS/EDGE/GPRS faildown)
• HSUPA (HSDPA/UMTS/EDGE/GPRS faildown)

TOPEX Bytton DS is a professional solution offering high speed and secure mobile access to Internet, back-up solution, M2M and mobile wireless broadband applications. Through the dual SIM capability the equipment allows an additional back-up between two mobile networks according to the 3G signal level. Enterprise solutions Back-up Internet Solution

• Usage of the 3G network capabilities to offer broadband Internet connection in case of the main linkfailure- Possibility to switch between two 3G networks when the main network is out of signal
• Secure back-up for WiMax, ADSL or any leased line, assuring a reliable always-on Internet connection

Wireless Surveillance

• Transmission of video stream received from IP or USB cameras through the 3G network
• Assures the connection of cameras from a remote site to a central headquarter for monitoring and control of site activities
• Complete wireless solution in the case of using wireless cameras for supervision

High Secure data Transmission

• Complete IP Sec, PPTP or GRE capabilities implemented
• Data collecting from several remote sites through secured VPN tunnels
• Possibility to terminate several IPSec tunnels in the same gateway providing connection of the remote sites to the main office

Enterprise application for retail / POS and banking

• Connection of several devices (POS, bar-code scanner, receipt printers, credit card readers)
• Wireless solution for banking industry connecting the ATM through the 3G network assuring a fast and convenient network deployment
• Can be used also as a back-up solution for existing fixed connections, allowing service

availability during wire link failure

Secure transfer for lottery and betting games

• Collecting information from different branches regarding tickets and other commercial activities
• Secure transfer of data to a central location for centralization
• Branch offices added in the same VPN to communicate over the 3G data network

Tunelling Features

• IPSec, PPTP and GRE tunneling
• IPSec Tunneling
• High security level at IP Layer offering confidentiality, data integrity, data origin authentication or anti-replay (examination and rejection of outdated and duplicated packets)
• Host to Host IPSec - securing a channel between two gateways
• Netowrk to Network IPSec- securing a channel between two remote networks
• Road Warrior IPSec - securing a channel for remote users
• Termination of two or more IPSec tunnels in the same gateway
• Data confidentiality through encapsulation into IP packets - ESP protocol
• DES, 3DES and AES encryption protocols supported
• IPSec tunnel bandwidth limitation assuring an easier access to system resources
• Identity authentication of peers through symmetrical Pre Shared Key (PSK) or non symmetrical Public RSA key
• Automatic key negotiation and services establishment through IKE mechanism
• IKE hashing functions used to implement authentication algorithms: MD5 and SHA1
• Diffie Hellman algorithm used to securely exchange the keys that encrypt data assuring protection against eavesdroppers
• IKE lifetime setting top establish the duration of keying channel of a connection before being renegotiated
• Perfect Forward Secrecy (PFS) - the decryption of a key has no impact on the security of other keys

Price: £649.00