DG-WU2005V

DIGISOL
Networking Solutions

Technical Specifications

Physical Interfaces
- WAN: 2 RJ45 GE, 1 USB 3.0 (3G/ 4G)
- LAN: 5 RJ45 GE and DMZ: 1 RJ45 GE
- Expansion: 1 DB9 (Console)
- Power Source: AC 100V ~ 240V

WAN Features
- WAN: Multiple WANs, Failover/ Load Balance, Configurable Ethernet/3G/ 4G
- Ethernet: Dynamic IP, Static IP, PPPoE, PPTP, L2TP
- 3G/ 4G: NDIS for 3G/ 4G
- IPv6: Dual Stack, 6-in-4, 6-to-4, Dynamic, Static, PPPoE

Basic Features
- VLAN: Port Based, Tag- based
- NAT: ALG, Special AP, DMZ Host, Virtual Server/ Computer, PPTP/ L2TP/IPSec Pass-through, Up to 100,000 Sessions
- Routing: Static, Dynamic, RIP1/ RIP2, OSPF, BGP
- Client & Server: DHCP, DDNS, IGMP

Management Features
- System: Web, Telnet CLI, SNMP
- AP: Auto Discovery, Monitoring & Alerting, Profile based Configuration, AP Load balance, CAPWAP
- User: User Accounts, User Grouping, Bound Services

Advanced Features
- Firewall: SPI Firewall with Stealth Mode, IPS
- Access Control: Packet Filters, URL Blocking, Web Content Filters, Application Filters, MAC Address Control
- QoS: Policy based BW Control & Packet flow Prioritization based on MAC/VLAN Tag/IP/DSCP/TCP/UDP/Well known Service/Group
- VPN Tunneling: IPSec, PPTP, L2TP, GRE VPN Tunneling with Full Tunnel, Tunnel Failover, Tunnel Load Balance & smart Configuration Capabilities
- VPN Scenario: Site to Site, Site to Host, Host to Site & Dynamic VPN
- VPN Capability: IPSec (Up to 64 Tunnels) VRRP (Redundancy Protocol)

System
- System: Status & Statistics, Tools, Scheduling, FW Upgrade, Backup & Restore Settings
- User Authentication: RADIUS, AD, LDAP, NT Domains, X.509
- Grouping: Based on Interface/ Protocol/ host/ File Extension/ SNMP Trap/ Application

Multi- Service Gateway with WLAN Controller

DG-WU2005V

DIGISOL DG-WU2005V is a Wireless Controller based Access Gateway with multifunction support that includes WLAN Controller, VPN Firewall, Internet Scheduler and Internet ticket generator for Hotspot use and Guest Access Management.

It can support QR code login with application software provided. The Wireless Manager function provides AP management for DIGISOL's popular access points like DG-WM2005SI, DG-WM2003SI and DG-WM6305SI.

This DG-WU2005V, Multi Service gateway device supports multiple WAN ports with dedicated DMZ port, 5 LAN ports & 1 USB port for 3G/4G connectivity.

Product Features & Compliances:
- Multi-WAN load balance for reliable and efficient access.
- Tag based and port based VLANs to group control and relocate traffic pattern
- Fully protocol stack for both IPv4 and IPv6, afford to 1000 concurrent users and 100,000 concurrent sessions.
- IPsec, PPTP and L2TP VPN support up to 64 concurrent tunnels with max 200Mbps throughput (Ipsec).
- QoS and Bandwidth Management for optimal bandwidth usage.
- Firewall with SPI, CSM & IPS prevent hacker attacking and enhance network efficiency.
- SNMP and Telnet CLI for administrator to manage system.
- High Availability for mission critical application with muti-WAN load balance and VPN tunnel failover, also VRRP for device redundancy.
- WLAN controller can manage up to 100 APs & 1000 users, with Discovery, Configuration, and Monitoring Functions.
- User certification by X.509 and authentication by Radius/AD/LDAP server for user and group management.

Ordering Information:-

Product	Description
DG-WU2005V	DG-WU2005V: Wireless Access Controller with 5GE LAN, 2GE WAN, 1GE DMZ, USB (3G/ 4G)

A product by **smartlink**

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