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www.digisol.com



VER. 1:3

WIRELESS FOR SMB EDUCATION & HOSPITALITY



DG-WM2030DO

2.4GHz 300Mbps Outdoor Access Point

- Metal waterproof, dustproof and sunscreen shell, temperature adaptive and board protective
- 802.11N, 2T2R 300M MIMO Technology
- Support Frequency : 2.4~2.4835GHz
- Support Multiple SSID (4 SSID)
- Support WEP, WPA/WPA2, WPA/WPA2 Enterprise
- Operation Modes: Gateway/AP/WiFi Repeater/WISP
- Web based configuration



- DG-WA6611P**
5GHz 900Mbps Wireless Outdoor Access Point
- IEEE 802.11ac 5GHz Wireless
 - WAN/PoE: 1x 10/100/1000Mbps Passive PoE Port
 - LAN: 1x 10/100/1000Mbps
 - Multiple SSID: Up to 4 SSIDs
 - IEEE 802.1q Tag based VLAN
 - QoS-WMM Support
 - Multiple Operational Modes (Gateway/WISP/AP/Repeater/Super WDS)
 - Build in firewall features
 - 10Km Pt-to-Pt and Pt-to-Multi-Pt distance

BUSINESS WIRELESS SOLUTIONS

Last few years, world has seen significant change in access of Internet with introduction of compact devices which started with Notebooks, Tablets and now moving to handheld devices, Smartphones and even DIGITAL cameras which are Wifi ready. Wireless has become integral part of life today be it Home, Office or Public places.

Focusing on SMB, Enterprises, Campus and Hospitality market segment, DIGISOL offers different Solutions for Flexibility, Management and performance for each type of customers.



Entry Level



Mid Level *Software Managed*
Multiple AP Profile Push/backup
Client Statistics
Bulk AP upgrade



High Level *Unified*
Advance AP management
MAPs
L2/L3 Roaming
Captive Portal

RANGERVERVIEW AP MANAGER

This AP management solution is ideal for Small Hotel and Companies who need simple management of Access Points without investing in Hardware based controller. The software can manage up to 100 DIGISOL Access Points* and comes free with these APs easing the budget.

DASHBOARD

The Rangerview Manager can be installed on Windows Computer in just few clicks. It can detect the local APs automatically and remote APs by IP based configuration. Administrator can Select Multiple APs for bulk configuration or software update. Even configuration backup can be taken. The secured AP locking mechanism locks the AP with Administrator's computer station so no other use can deploy their own copy of software to change settings. The performance monitor display important information about the Access Points as well as wireless clients associated with it.



DG-WA1102NPLV2
2.4Ghz Outdoor Wifi CPE/Router

- Complies with IEEE 802.11b/g/n standards
- Supports 2.4000 to 2.4835GHz frequency bands
- Network data rates up to 150Mbps
- Auto rate fallback in cases of interference
- Supports WDS with AP mode
- Supports WEP, WPA, WPA2, 802.1x authentication
- Web-based configuration interface
- Features LNA (Low Noise Amplifier)
- Supports gateway, bridge and WISP operation modes

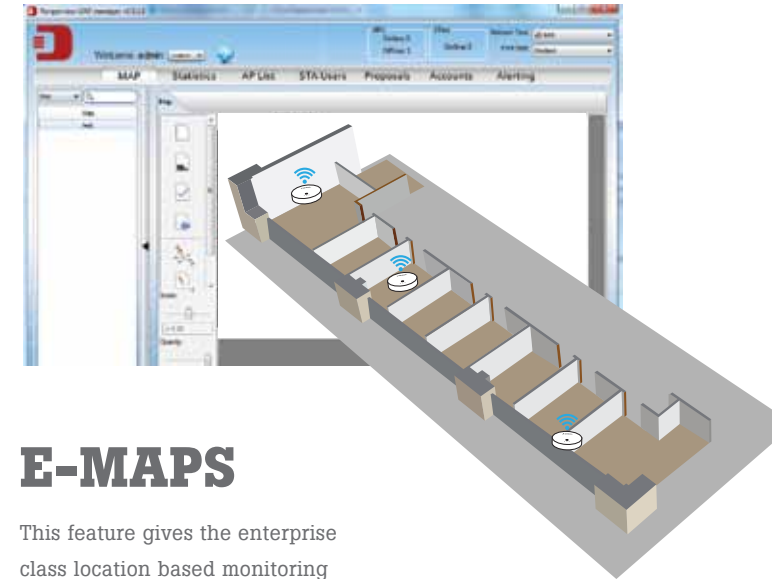


- DG-WA7910P**
802.11ac 1200Mbps High Power Outdoor Access Point
- IEEE 802.11n 2.4GHz/ 802.11ac 5GHz Wireless
 - WAN/PoE: 1x 10/100/1000Mbps 802.3at/af PoE Port
 - LAN: 1x 10/100/1000Mbps
 - Multiple SSID: Up to 8 SSIDs
 - IEEE 802.1q Tag based VLAN
 - QoS-WMM Support
 - Multiple Operational Modes (Gateway/WISP/AP/Repeater)
 - Build in firewall features

SMART CITY SOLUTIONS

India's Smart Cities Mission carries the objective to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions.

A key factor in the Smart Cities Mission is an integrated, digital infrastructure. Thus IT Connectivity is one of the most important factors in the Smart Cities Project and DIGISOL's High-end wireless products are the answer to the growing needs of quality wireless products for establishing a strong backbone for the IT infrastructure



E-MAPS

This feature gives the enterprise class location based monitoring capability to Access points. It gives flexibility of adding Googlemaps along with standard format picture files. The status of AP is displayed in real time. The user-defnable refresh timer updates the GUI information in controlled way.



CEILING MOUNT ACCESS POINT



- DG-WM2003SIE**
300Mbps Ceiling Mount Access Point Router
- IEEE 802.11n 2.4GHz Wireless
 - WAN/PoE: 1x 10/100Mbps 802.3af PoE Port
 - LAN: 1x 10/100Mbps
 - Multiple SSID: Up to 4 SSIDs
 - IEEE 802.1q Tag based VLAN
 - QoS-WMM Support
 - Multiple Operational Modes



- DG-WM6305SIE2**
802.11ac 1200Mbps Ceiling Mount Access Point
- IEEE 802.11n 2.4GHz/ 802.11ac 5GHz Wireless
 - WAN/PoE: 1x 10/100/1000Mbps 802.3at/af PoE Port
 - LAN: 1x 10/100/1000Mbps
 - Multiple SSID: Up to 8 SSIDs
 - IEEE 802.1q Tag based VLAN
 - QoS-WMM Support
 - Multiple Operational Modes



MAINSTREAM ACCESS POINTS



- DG-WM2001WI**
2.4GHz
- High-Speed Wireless broadband access
 - Intelligent load balancing mechanism
 - IPv4/IPv6 Dual Protocol Stack Network
 - Network-Wide Seamless Roaming
 - Secure and Controllable Wireless Network
 - Fit and Fat modes
 - Plug-and-play



- DG-WM2005WI**
2.4GHz
- High-Speed Wireless broadband access
 - Intelligent load balancing mechanism
 - IPv4/IPv6 Dual Protocol Stack Network
 - Network-Wide Seamless Roaming
 - Secure and Controllable Wireless Network
 - Fit and Fat modes
 - Plug and play



- DG-WM2001SI**
2.4GHz
- High-Speed Wireless broadband access
 - Intelligent load balancing mechanism
 - IPv4/IPv6 Dual Protocol Stack Network
 - Network-Wide Seamless Roaming
 - Secure and Controllable Wireless Network
 - Fit and Fat modes
 - Plug-and-play

HIGH PERFORMANCE ACCESS POINTS



- DG-WM5307IAC**
2.4/5GHz Concurrent
- High-Speed Wireless broadband access
 - Intelligent load balancing mechanism
 - IPv4/IPv6 Dual Protocol Stack Network
 - Network-Wide Seamless Roaming
 - Secure and Controllable Wireless Network
 - Fit and Fat modes
 - Plug-and-play



- DG-WM5307DOAC**
2.4/5GHz IEEE802.11AC
External Antenna Connection
- Dual Band High-Speed Wireless broadband access
 - Intelligent load balancing mechanism
 - IPv4/IPv6 Dual Protocol Stack Network
 - Network-Wide Seamless Roaming
 - Secure and Controllable Wireless Network
 - Fit and Fat modes
 - Plug-and-play



- DG-WM5317IOAC**
2.4/5GHz IEEE802.11AC
Built in 5dbi Antenna
- Dual Band High-Speed Wireless broadband access
 - Intelligent load balancing mechanism
 - IPv4/IPv6 Dual Protocol Stack Network
 - Network-Wide Seamless Roaming
 - Secure and Controllable Wireless Network
 - Fit and Fat modes
 - Plug-and-play

CONTROLLER BASED PRODUCTS FOR ENTERPRISES

ACCESS POINT CONTROLLER



DG-WU2002

Controls 16-128 Access Points
Clients: 5000

- Upto 128 Access Point Management
- L2/L3 Roaming Support



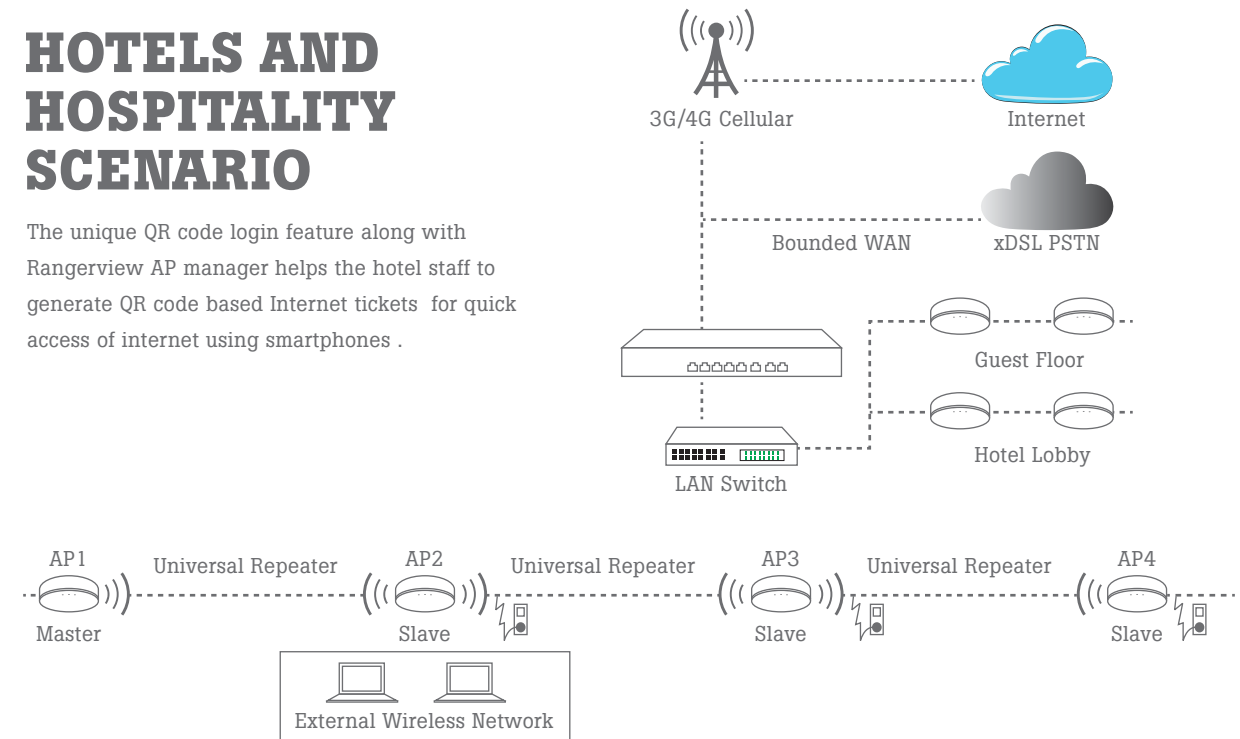
DG-WU2028E

- Upto 1024 Access Point Management
- L2/L3 Roaming Support
- High Speed 10G uplink supported

Note: Also available **DG-WU2000C** in Cloud edition.

HOTELS AND HOSPITALITY SCENARIO

The unique QR code login feature along with Rangerview AP manager helps the hotel staff to generate QR code based Internet tickets for quick access of internet using smartphones.



BUSINESS HOUSE SCENARIO

Today most businesses face challenges of having different pieces of equipments for each network function like Router, firewall, AP management etc. DG-WU2005V provides All in One Box solution for this administration challenge.



INTERNET USAGE CONTROL AND SCHEDULING

For offer users the Internet usage can be restricted based on time. Also the authentication mechanism can be set based on popular methods like portal authentication.



Schedule Internet Usage Times



Limit time spent online



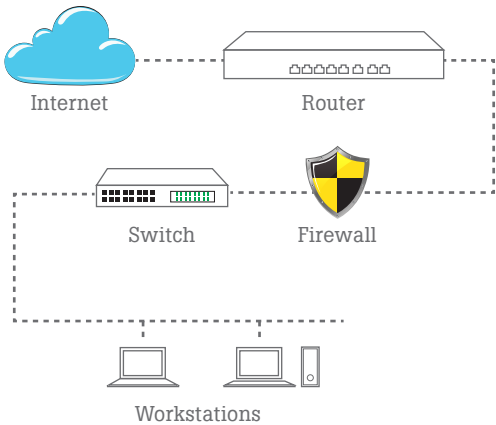
FIREWALL

The builtin SPI based firewall provides both inbound and outbound security along with IPS, Application Filter including Chat and P2P software, Web Content Filter for Java, ActiveX, URL Blocking and MAC filter.

VPN SERVER FEATURE

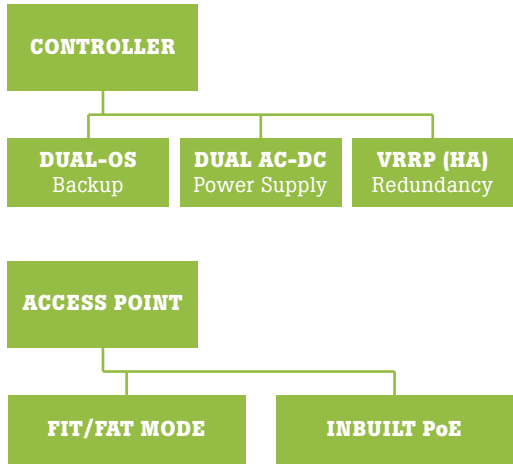


As the business grows, the DG-WU2005V has VPN server feature helping the companies to expand its private network by supplying private connectivity over remote site or mobile employees. Access over the sites are protected and private data can be sent securely with multiple VPN protocols such as IPSEC, PPTP or even SSL.



HIGHLY RELIABLE

The Highly reliable and fault tolerant architecture of both controller and APs, never lets your network down. The Access Points work like normal stand alone AP in case the Central controller connectivity is down.



HIGHLY SECURED AND SURVEILLANCE CAPABLE

Along with standard WPS protocols these solution also deploys some user friendly method of management like Login portal or Mac based identification. The Access Points can capture realtime data and transport to controller memory in popular format like Pcap which can be backed up on computer.



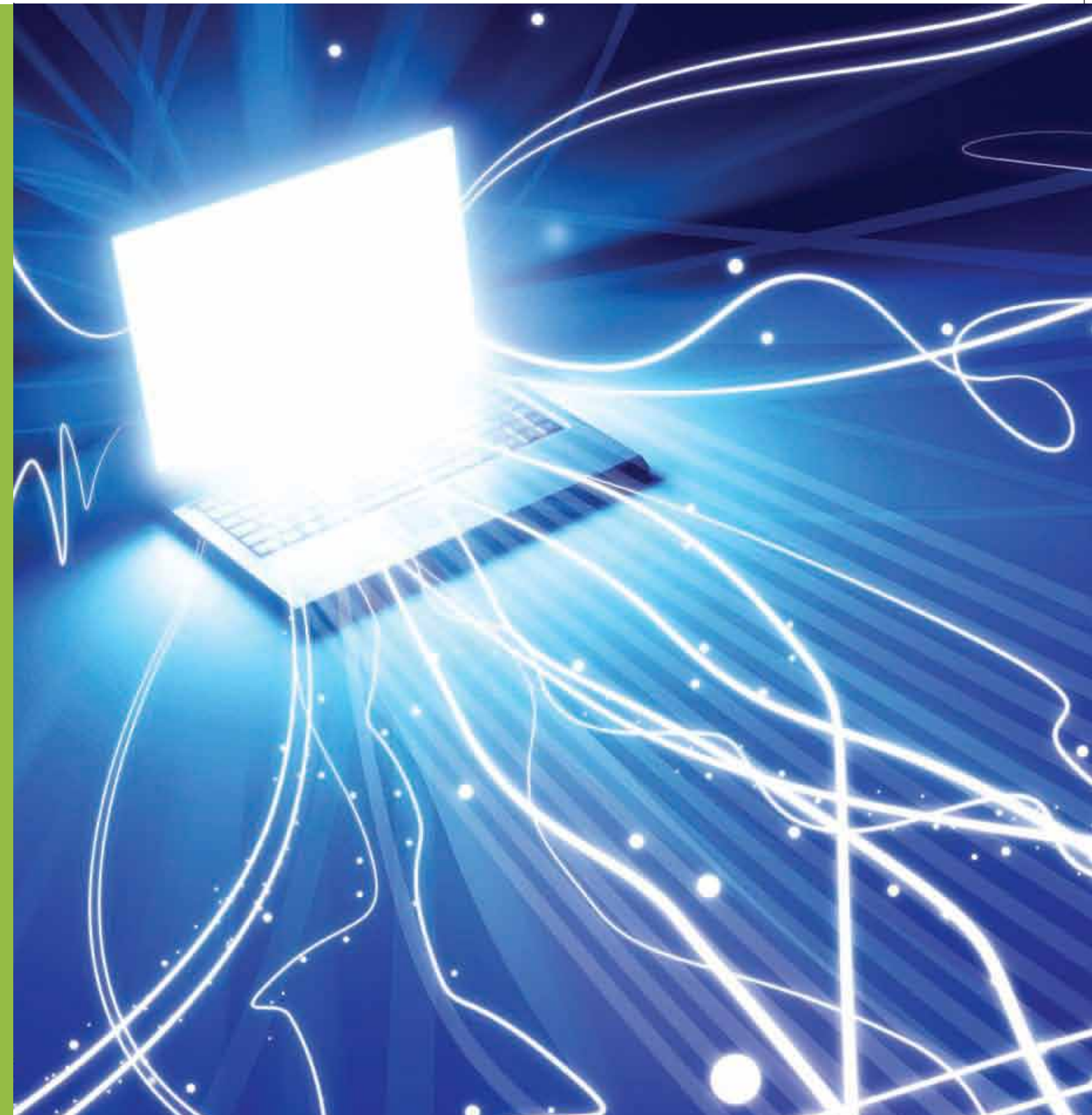
HIGHLY PERFORMANCE

With features like Band Steering, On air QoS, Spectrum analysis and Fast roaming the Unified Controller Solution helps to achieve 100 percent infrastructure availability seamlessly.

WIRELESS FOR ENTERPRISES

DIGISOL can provide both Unified and Cloud based Wiresss solution for Enterprise customers.

The unified solutions include two hardware based controllers DG-WU2002 and DG-WU2028 which cater different volumes for AP management requirement 128 and 256 respectively. The 10G uplink capability along with Enterprise class Routing feature helps DG-WU2028 to connect to Core Switching fabric seamlessly.



PRODUCTS FOR SMB, EDUCATION & HOSPITALITY

ACCESS POINT CONTROLLER



Rangerview UAP Manager



DG-WU2005V

- 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.

ACCESS POINTS



DG-WM2005SI
2.4GHz Single Band
Giga Ethernet Port

- IEEE 802.11n 2.4GHz Wireless
- 1x10/100/1000Mbps IEEE 802.3af PoE Port
- Easy Configuration with WEC Button
- Multiple SSID: Up to 8 SSIDs
- IEEE 802.1q Tag based VLAN
- QoS-WMM Support
- Multiple Operational Modes



DG-WM2015D10

- 2.4Ghz, 802.11n 2Tx2R 300Mbps Out door Access Point
- 1xRJ45 GbE with 802.3af PD
- 1x 9dBi directional 2T2R antenna
- 2 RPSMA connectors for external antenna
- IAPP & PMK Cache based WiFi Roaming
- VLAN supported
- IP55 dust/rain proof