Dynacom DW5319 Series Wireless CPE

IEEE 802.11/a/n Dynacom Wireless
Backhaul Series 300 Mbps Throughput

Dynacom 5319 Series, all you need high data transfer speed Point-to-Point, Point-to-Multipoint with advanced routing and network management features that you can use your wireless network application, severe outdoor conditions in 7/24 Carrier is wireless AP. designed to work-class outdoor devices are
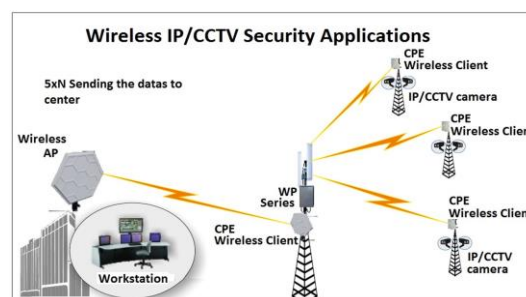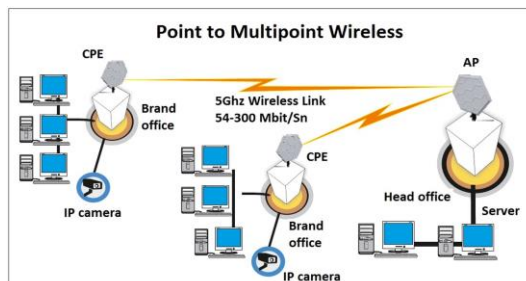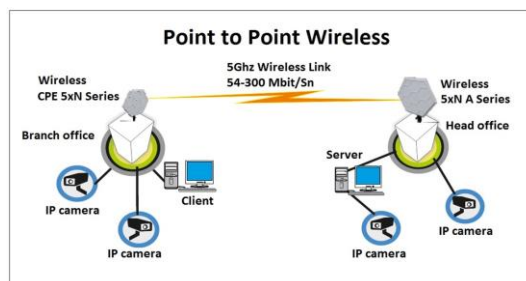
65 to 144.4 Mbps IEEE 802.11n standard in the frequency range of 20 MHz, 40 MHz frequency range of 135 to 300 Mbps throughput unique Powered capacity and stable Linux system provides continuous 7/24 communication with all kinds of wireless network application infrastructure.

Key Features

- 5GHz 802.11a/n Outdoor Wireless AP
- 802.11 a/n Support
- 54/108/300Mbps 5Ghz Outdoor Wireless Access Point
- 5150-5350 / 5475-5725 Mhz Frequency 802.11a
- 5GHz IEEE 802.11n draft support and 802.11a support
- 54/108mbps @802.11a
- 150/300mbps. @802.11n
- 5GHz single-band 2x2 MIMO spatial multiplexing
- 300 mbps air connection rate
- PoE Gigabit Ethernet
- 680Mhz CPU
- 64MB Flash Memory
- 256MB DDR SDRAM memory
- IP67
- -40/+65 working temperature
- Power Over Ethernet (PoE)
- Integrated Dual Polarization MiMo Antenne
- Integrated 19 dBi Dual Polarizasyon Mimo Directional Antenna (DW5319-P19)
- Integrated 13 dBi Dual Polarizasyon Mimo Directional Antenna (DW5319-P13)
- Different working types (Point-to-Point, Point-to-Multipoint, AP, Station, Bridge,Mesh
- Networking Support (WDS)
- Layer3 Routing and Layer2 Bridge Mode
- 40/104 bit WEP, 128/256 bit WPA and WPA2 high level security
- 802.1p Bandwidth Management and QOS
- DHCP client, DHCP Server and DHCP Relay
- MAC Access Control
- MAC Filter Support
- Integrated Statefull Firewall
- SPI Firewall
- Port Forwarding
- Remote view and remote configuration tools
- Support Third Party products
- TDD/TDMA mode support

Environment

- Corporate Wide Area Network applications
- Building the building, Campus Network Applications
- Wireless CCTV Datas Sending
- Metropolitan Area Network Applications
- Backing up applications of Fiber Line
- Wireless Communication between ISP POP applications
- Mobile Network
- Mine Area Network applications
- Telemetry Applications

Point to Point Wireless

Point to Multipoint Wireless

Wireless IP/CCTV Security Applications

DW5319-P19   DW5319-P13

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Model Name	GW5319-P19		GW5319-P13
Hardware	Atheros AR7130, 300Mhz 64 MB Flash Memory 32 MB SDRAM		
Security	WPA / WPA2 PSK, WPA / WPA2 Dynamic Keys 40 bit, 104 bit WEP keys, 128 bit, 256 bit AES keys 802.1x, RADIUS authentication, MAC Access control VPN pass-through, IPSec,3DES, L2TP		
Wireless	1x IEEE 802.11a/n Radio 5150–5350 / 5475-5725 MHz		
Modulation	802.11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK)		
TX Power Output	802.11a : 21dBm@ 6Mbps /17dBm@54Mbps		
	802.11n : 21dBm@MCS0 / 16dBm@MCS7 (20 Mhz)		
	802.11n : 19dBm@MCS0 / 13dBm@MCS7 (40 Mhz)		
RF Receiver Sensitivity	802.11a : -95dB@6Mbps / -80dB@54Mbps		
	802.11n : -95dB@MCS0 / -77dB@MCS7 (20 Mhz)		
	802.11n : -92dB@MCS0 / -74dB@MCS7 (40 Mhz)		
Data Speed Transfer	802.11a : 6 Mbps-54Mbps		
	1Nss: 65Mbps@800GI, 72.2Mbps@400GI (Max.)		
	2Nss: 130Mbps@800GI, 144.4Mbps@400GI (Max.)		
	1Nss: 135Mbps@800GI, 150Mbps@400GI (Max.)		
	2Nss: 270Mbps@800GI, 300Mbps@400GI (Max.)		
Supported Modes	Point to Point, Point to Multi Point, Bridge and Router mode Access Point, Station WDS		
Point to Point Speed Transfer	**5 km**	100Mbps	50Mbps
	10 km	50Mbps	20Mbps
Ethernet	1xAuto-sensing 10/100		
Internal antenna	19 dBi Dual Polarizasyon Mimo Directional Antenna		13 dBi Dual Polarizasyon Mimo Directional Antenna
RF Output	23 dbm		
Network and QoS	Layer 2 Bridging, Layer 3 Routing, 802.1q VLAN support, Multiple SSID, 802.1p QoS support, WMM support		
Management	Windows based management application SNMP v2, Backup, Network Client statistics		
Software Features	Spanning Tree Protocol (STP/RSTP) Vlan(802.1q) supports, Advanced Bandwidth Management, Automatic by distance ACK Timeout Setting. Signal Levels and Wireless MAC tracking MAC Address filter, Hiding the SSID, Firmware Remote Update. PPPoE/ PPTP Client Network Time Protocol (NTP), Graphical bandwith viewer		
Connector	RF, Power, RJ45		
Power Consumption	PoE, 12-28VDC, 15 Watt		
Outdoor	-40°C ila +60°C Operation Temperature		
	-45°C ila +85°C arası Storage Temperature		
	IP67 Outdoor Standard, Wind Resistance 240 km/s		
Dimensions	**W**	390 mm	270 mm
	H	390 mm	230 mm
	D	70 mm	70 mm
Approvals	EN 300 328 301 893		
	EN 60950-1		
	EN 301 489-1, EN 301 489-17, EN 55022, EN 55024		
	EN 61000-3-2 EN 61000-3-3		

* Product specification and availability are subject to change without notice.