



DSS-W58S



DSS-W58L

Features:

- 5.8GHz, Throughput up to 300Mbps
- RSS, SSID up to 4, Support PTP and PTMP
- Output Power Adjustable & ACK Timeout
- AP/Gateway/WISP(CR)/Client Bridge, WPA2/WPA/AES/TKIP/SSH
- Support MAC & IP Address and URL Filtering
- QoS: Traffic Control & WMM, Traffic Statistics Based Port
- Support Ping Watchdog, Built-in NAT and DHCP Server & Client
- Support Address Reservation, UPnP, Dynamic DNS, Static Routing
- 2 x LAN (10/100Mbps) LAN1/LAN2 Passive PoE
- Web-Based Administration Portal
- IP65 Outdoor Weather Proof
- Internal 14dBi directional ANT

We reserve the right to modify product design and specification without notice and without incurring any obligation

For more information please contact a DSS Sales Representative

Toll Free: 1.888.467.8812 · Fax: 1.609.431.0932 · Email: sales@dss-cctv.com

Technical Specifications

Model No.	DSS-W58S/DSS-W58L		
Hardware			
MCU	AR9344		
RF	2T2R		
Memory	64MB DDR RAM		
Flash	8MB(May extend to 16MB)		
Interface	2 x RJ-45 for 10/100 Mbps		
	1 x Reset button(reset & factory defaults)		
	1 x Power DC Jack		
Power	12V/1A DC Jack or 24V/0.5A Passive POE		
Radio Frequency			
Frequency	802.11b/g/n		
	5.8~5.825GHz		
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK		
Throughput	300 Mbps		
Sensitivity	802.11g	802.11n(5.8GHz)HT20	802.11b
	- 93dBm @ 6Mbps	-92dBm @ MCS0	- 94dBm @ 1Mbps
	- 75dBm @ 54Mbps	-73dBm @ MCS7	- 85dBm @ 11Mbps
Output Power	Radio1(WLAN1)		
	802.11g(± 1.5dBm)	802.11n(2.4GHz)(± 1.5dBm)	802.11b(± 1.5dBm)
	27dBm @ 6~24Mbps	25dBm @ MCS0~2/MCS8~10	30dBm @ 1~11Mbps
	27dBm @ 36Mbps	25dBm @ MCS3/MCS11	
	26dBm @ 48Mbps	25dBm @ MCS4/MCS12	
	26dBm @ 54Mbps	25dBm @ MCS5/MCS13	
		24dBm @ MCS6/MCS14	
	24dBm @ MCS7/MCS15		
Antenna	Internal 14dBi directional ANT		

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Software	
Operation Mode	Access Point / Ap Client /Gateway / WISP
Protocol/Standard	IEEE 802.3(Ethernet)
	IEEE 802.3u(Fast Ethernet)
	IEEE 802.11b/g/n(2.4G WLAN)
Wireless	Auto-channel selection
	Multiple SSID (4 SSID)
	WDS AP / WDS Bridge
	BSSID
Security	WEP Encryption-64/128/152 bit
	WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
	WPA/WPA2 Enterprise (WPA-EAP using TKIP)
	Hide SSID
	MAC/IP address &URL filtering
	Wireless STA (Client) connected list
Management	
System Settings	Web-based configuration(HTTP/Telnet)
Firmware Upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
System Monitoring	Status in hand , useful statistic and Event log
Logs	Supports local logs、 logs host、 logs file export
Reset	Renew system or restore to factory defaults
Backup	Restore settings & configuration of the device to local file
General	
Operating Conditions:	Working -25 °F ~ 160 °F
	Storage -25 °F ~ 185 °F
Humidity	95% or less (non-condensing)

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