ZOLL AED 3® WiFi



Technical Specifications:

Operational Bands
IEEE 802.11a/b/g/n
Dual Band: 2.4 & 5 GHz

Encryption
WPA/TKIP
WPA/AES (CCMP)
WPA2/TKIP
WPA2/AES (CCMP)

Authentication
PSK (Pre-shared Key or "Personal")
Enterprise Authentication methods (IEEE 802.1X/RADIUS) as follows:
- EAP-TLS
- PEAPv0/v1-MSCHAPv2

SSID
Broadcast by AP
Not broadcast (stealth mode)

Preconfigured Profiles
Software Rev. 01.03.203, 02.03.016.5270, and 03.03.008.5508: Two Profiles
Software Rev 04.03.500
Forward: Up to 25 Profiles

IP Configuration
IP v4
Dynamic (external DHCP server)
Static IP

Root Certificate Key Length (if applicable)
2048-bit is supported – default ZOLL Root Cert uses 2048-bit

When the ZOLL AED 3® is configured to send self-test data to Defibrillator Dashboard™ or PlusTrac™, it will transmit in the following situations:
- Following weekly self-test
- Following monthly self-test
- Following Power Off only if the unit failed the Power Off self test (transmission will occur 60 seconds after the user powers off the AED.

If the ZOLL AED 3 is not configured to automatically transmit self-test data, users can manually push a self-test from the 'export' menu, and the file is labeled Device History.

ZOLL AED 3 WiFi Transmission/Setup Error Codes

Error Code	Name	Explanation
1	'AP_UNAVAILABLE'	This error code will be issued if the specified access point is unavailable
2	'AP_DHCP	This error code will be issued if there is a DHCP error with the specified access point
3	'AP_NO_IP_ADDR'	This error code will be issued if the ZOLL AED 3 could not get an IP address from the access point
4	'AP_AUTH'	This error code will be issued if the ZOLL AED 3 could not get authentication with the access point due to an invalid certificate or password
5	'AP_ALREADY_CONNECTED'	This error code will be issued if the ZOLL AED 3 is trying to connect to an access point while already connected to one
6	'AP_INVALID_SSID'	This error code will be issued if the ZOLL AED 3 uses an invalid SSID
7	'AP_NO_CONFIG'	Contact ZOLL Technical Support or Local Authorized Distributor
8	'AP_NO_SESSION_MGR'	This error code will be issued if the ZOLL AED 3 tries to perform a data transfer before the session manager is ready
9	'AP_UNDEFINED'	This error code will be issued if the ZOLL AED 3 identifies an undefined access point error

ZOLL AED 3® WiFi Transmission/Setup Error Codes

Error Code	Name	Explanation
10	'SERVER_CERT_VALID'	This error code will be issued if the server determines that the certificate was invalid
11	'SERVER_DNS'	This error code will be issued if the ZOLL AED 3 encounters a DNS error resolving the server domain name
12	'SERVER_NO_CONFIG'	Contact ZOLL Technical Support or Local Authorized Distributor
13	'SERVER_NO_DATA_MGR'	This error code will be issued if the ZOLL AED 3 tries to perform a data transfer before the data manager is ready
14	'SERVER_NOT_CONNECTED _TO_AP'	This error code will be issued if the ZOLL AED 3 tries to connect to server without being connected to an access point
15	'SERVER_ALREADY_CONNECTED'	This error code will be issued if the ZOLL AED 3 tries to connect to the server while already connected to the server
16	'SERVER_CONNECT_FAILURE'	This error code will be issued if the ZOLL AED 3 encounters an undefined server connection error

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