2.0   Product Description

The WLNG-AN-DP550 family is the latest generation of 802.11 wireless device servers and adapters from Quatech. The radio features the following:

- 802.11b/g WiFi Radio with 32bit ARM9 CPU (128Mb SDRAM, 64Mb Flash)
- Atheros AR6002 802.11b/g radio shipset.
- Supports WEP, WPA, WPA2, 802.11i and 802.1x Supplicant, with Certificates.
- The wireless device server includes integrated:
  - 802.11b/g radio driver
  - TCP/IP stack, UDP, telnet, FTP server
  - Data bridging and buffering
  - Command Line Interface
  - Web interface
  - WPA Supplicant
  - 802.11 Radio Driver
- Supports antenna diversity
- Operating Temperature (-40°C to 85°C)
- Storage temp (-50°C to 125°C)
- 36 pin high density SMT connector (*Hirose DF12-36)*
- Dual (2) Hirose U.FL RF connector for RF antenna
- Multiple host interfaces supported:
  - Dual UART (960K BAUD)
  - Serial (RS232/422/485)
  - SPI
  - 10/100 Ethernet PHY
- Advanced Low power modes
- Rugged mounting options.
- No host driver required
- Small form factor module (Dimensions: 40.6mm x 29.6mm x 7.5mm)
- Worldwide Regulatory Support