



Description

DP-575 Client is designed to fulfill field long distance 20 Mbps data requirements by Wi-Fi HaLow technology.

- Wi-Fi HaLow wireless combined in one IoT
- Wi-Fi HaLow Morse Micro MM6108
- Powered by AC85~277V ,50/60Hz
- Security: 64/128-bits WEP, TKIP, WPA, WPA2, AES, WPS
- Client Mode
- IEEE802.11ah
- STM32U5x5Cl chipset @ 160Mhz
- Core: Arm® 32-bit Cortex®-M33 CPU with TrustZone®, MPU, DSP, and FPU

BOOT Power LED Debug 1 PC GUART Controller PWM GPIO SPI AC OUT SWD Converter PA AC input

Switch and Dimming by PWM

Features

- Simple Connection via I2C: Ensures effortless sensor expansion for seamless integration.
- Efficient Communication: The UART system streamlines data exchange, promoting efficient communication.
- Effortless Device Integration: Our design allows easy adjustment and simple device connection, with GPIOs versatile for various applications.
- Maximizing Battery Life: Under general application conditions, the battery can last for at least five years or more, providing convenience and reducing maintenance costs in remote or hard-to-reach areas.
- Maximize Reach with HaLow: Use Wi-Fi HaLow's long-range, high-capacity transmission for easy, far-reaching image and video sharing.
- Smart Energy Saving: The adaptive PWM function offers precise control, energy efficiency, and programmability.
- Effortless Control: Facilitates switching and dimming via PWM. The dimming/switch functions enhance a user-friendly and flexible control experience.