

Operation Description

Name: Pushbutton module, with NFC/IC card reader

Model: 51012P.

The push button & IC card reader module always works with other modules in the outdoor station. The module uses the STM32F051R8T6 as the microcontroller. The module gets DC5V power supply from other module and can transfer the power supply to another module through interface1 and interface2. The module can also communicate with other modules through interface1 and interface2. The module has some buttons for calling , and support RFID proximity reader for IC card through the IC card reader circuit whose operating frequency is 13.56MHz. The module has a Wiegand output interface to connect to the rest of an electronic entry system. The module has a SPI flash to store the character library, card numbers and name list. The module has a software update interface and a reset button. The modulation type is ASK using PCB layout loop antenna.