

Circuit Description

AT10 uses the chipset STM32F103VCT6 and 2.4G direct spread spectrum module CC2533.

The main chip forms data stream by switch, handle of potential device dealt by the menu, and send it to RF module, then to the receiver.

External clock control technical is used by the chipset, to improve the precision on signal sampling. 12 bit A/D converter provides higher precise sampling data. Firmware uses FMC port, which makes the scraper speed faster

Wide input voltage range from 4~20V, with anti plug design, the system can be powered by multi-battery, which is very convenient and simple.

Distinctive 3.5inches TFT screen, makes the menu clean and clear.