The product is a fast ethernet switch with maximum 100Mbps transmission rate, the IC-IP178D is a master control unit with a 25MHz oscillator as base clock frequency, and the master function as follows:

- 1. To processing the communication data for uplink and downlink
- 2. Link to computer network terminal via port 1~8 RJ45
- 3. The power supply is DC 5V, and convert to DC 2.5V throught IC-U3(LM34063) .