

USB NAS Station

Operation Principle

The USB NAS Station Adapter is mainly composed by:

- One MCS8142 ARM 9 processor w/ USB host and network access features
- One USB Hub
- One 25MHz and One 12MHz crystal
- Four USB Female Connectors
- Six LED indicator

The MCS8142 is a single-chip ARM 9 processor with USB host and network access features. It is powered by the 5.0V from DC Jack. The 25MHz crystal provides the clock to MCS8142. The 12MHz crystal provides the clock to USB Hub.

When the device is operating, it shares USB devices which are inserted to the device over the Ethernet. The Dual-Color Ethernet LED indicator will blink when there is any data/command sent or received by MCS8142. The Blue LED will be lighted up when the 5.0V power is connected to the device. The Yellow LED will be lighted up when the corresponding USB device port is inserted.