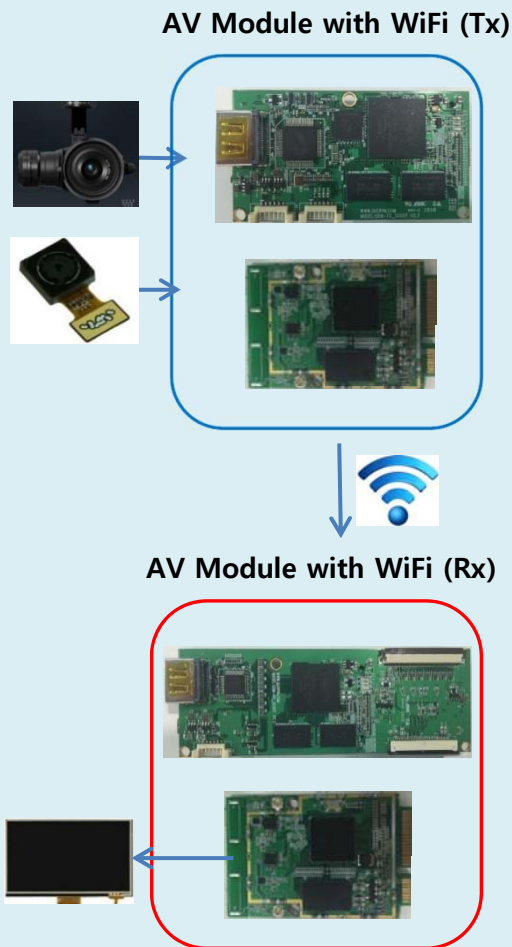




AV Module w/WiFi 11n (for Real-time AV Transmission)

Real-Time Video/Audio/USB Transmission over IP



Performance

- Full HD (H.264) 1080P
- Latency 70~100ms (Camera to LCD)

Interface

- HDMI / MIPI
- MII

| Specifications | | |
|----------------|---------------------------------------|--|
| Functions | Tx | Rx |
| SIZE | 37x70x1.6T | 37x105x1.6T |
| MAIN IC | QIM-3000 (MonaLisa) | QIM-3000 (MonaLisa) |
| RAM | 64MByte(x2), SDRAM | 64MByte(x2), SDRAM |
| Network | GMII_TO_WIFI : IEEE802.11n 5GHz | WiFi_to_GMII : IEEE802.11n 5GHz |
| Video_IN | HDMI_Input | HDMI_Output |
| | CAM_MIPI Input | TFT-LCD (24BIT RGB) / LVDS-LCD |
| MCU | P51US1 | P51US1 |
| Interface | HDMI_IN / GMII / UART / SPI / GPIO | HDMI_OUT / GMII / UART / SPI / GPIO |
| Power | External 5V / Drone Battery | External 5V |

Application

- **Drone FPV**
 - (Drone MIPI Camera
→ LCD Player (70ms) / Smart Phone (150ms)
 - HDMI / MIPI Camera
- CCTV to monitor for Real-time
- Wireless Video/Audio Extender

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