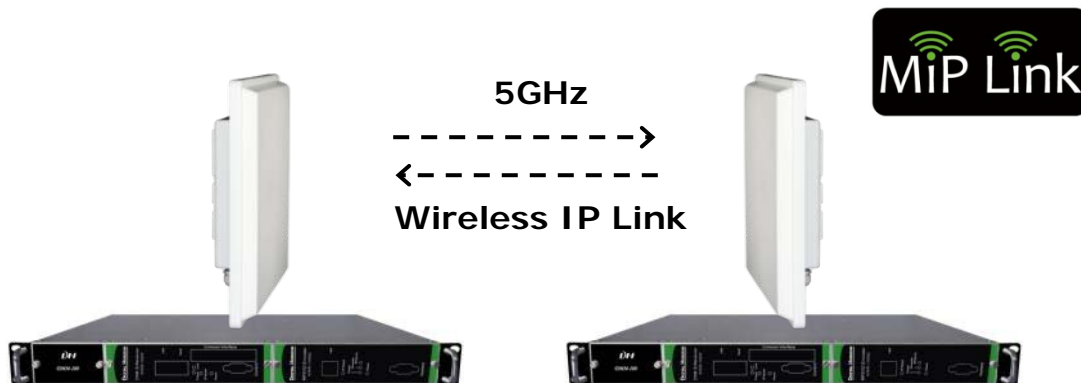


5GHz Wireless IP Link

Model: MiP-10/30



Main Feature:

- Operating frequency range: 5.125-5.850GHz
- Support MIMO, OFDM and airX technology
- Max TX power: 500mW (27dBm)
- RX sensitivity: -95dBm
- Max bit rate: 70Mbps
- Max transmission distance: 10km-30km
- Security policy: AES
- Support BMS cloud enterprise
- Router mode / Bridge mode
- Ethernet port: 2×RJ-45, 10/100Mbps self-adaptive
- 7 signal strength indicators for link supervision
- Support QoS/WMM
- Support VLAN trunk and VLAN tag
- PoE power supply
- Telecom-grade service: provide protection level in IP67
- Digital TV encoder decoder in SD/HD , MPEG2 and MPEG4/H.264



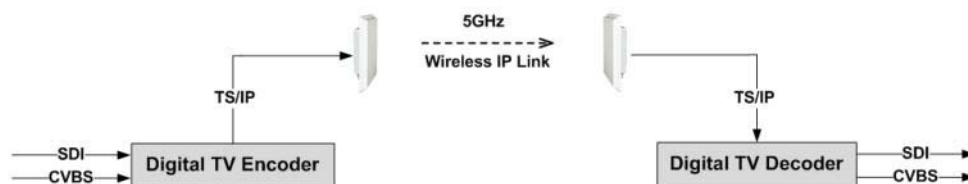
Technical Specification:

Interface and Indicators:	
Ethernet port	2xRJ-45, Primary port and Secondary port, 10/100Mbps self-adaptive Primary port for transmission data and PoE power supply
Indicator	6xLEDs for MiP-10 (Power, LAN, System and 3x wireless signal)
Antenna	Directional antenna with 14dBi gain, H- beam 60° and V- beam 15° (MiP-10) Directional antenna with 23dBi gain, H- beam 11° and V- beam 11° (MiP-30)
Main Performance:	
Operating frequency range	5.125 - 5.850GHz
Max TX power	27dBm (500mW), Automatic/Manual
Max bit rate	70Mbps
Modulation	MIMO 2*2, OFDM
RX sensitivity	up to -95dBm
Memory	SDRAM 64MB, FLASH 8MB
Network:	
Protocol	PPTP,L2TP,IPSec,PPPoE, DHCP Client/Server, NAPT, VLAN,NTP,etc
Network Mode	Router Mode and Bridge Mode
Operating Mode	Access Unit(AU) and Remote Bridge(RB)
Wireless function	Bridge debug, Active site survey/Auto channel scan, Automatic channel selection
Security:	
Security policy	AES
Protection Level	IP66(MiP-10), IP67(MiP-30)
Network Protection	Firewall, Support network rate limitation, MAC-based access control
Restore factory Setting	Support
Management:	
Configuration Management	GUI, build-in WEB server Remote Firmware upgrade (HTTP) Support TELNET Support system operating log Support SSH
System Service	virtual DMZ, port forwarding, UPnP automatic port mapping Support VPN transparent transmission (PPTP, L2TP, IPSec)
Troubleshooting	Automatic network connectivity sensing, support Watch Dog and Ping Dog
Physical:	
Power Supply	9-24V, PoE power supply
Max Power Consumption	≤8W
Operating Temperature	-40℃~+65℃
Storage Temperature	-40℃~+80℃
Weight	0.37Kg(MiP-10), 2.6Kg(MiP-30)
Dimension	265mm×89mm×61mm(MiP-10), 700mm×700mm×92mm(MiP-30)

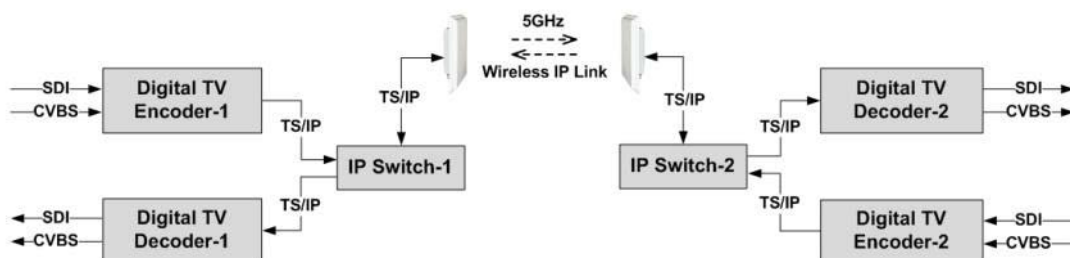


Typical Application:

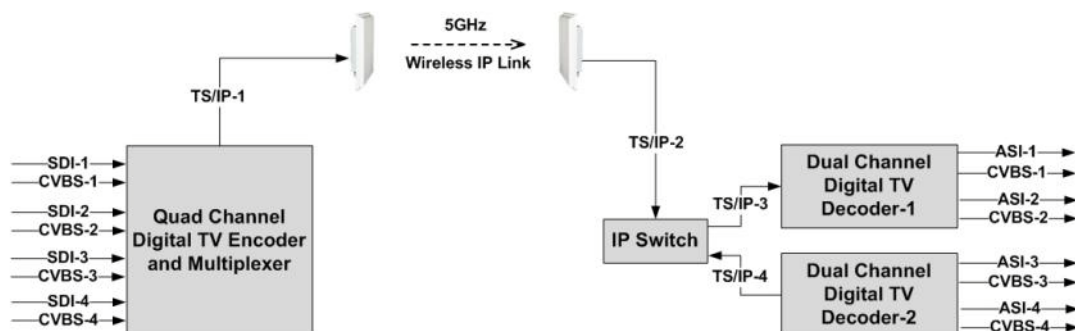
■ Single-Channel Simplex Video Link



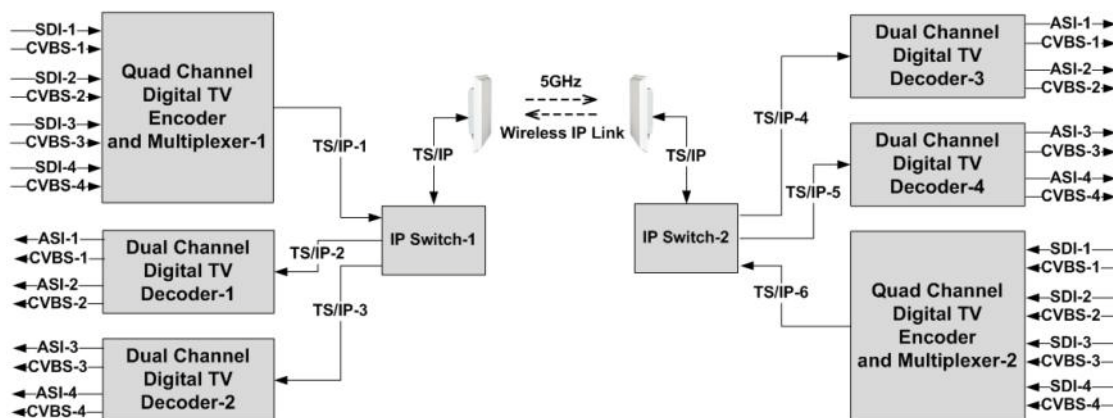
■ Single-Channel Duplex Video Link



■ Multi-Channel Simplex Video Link

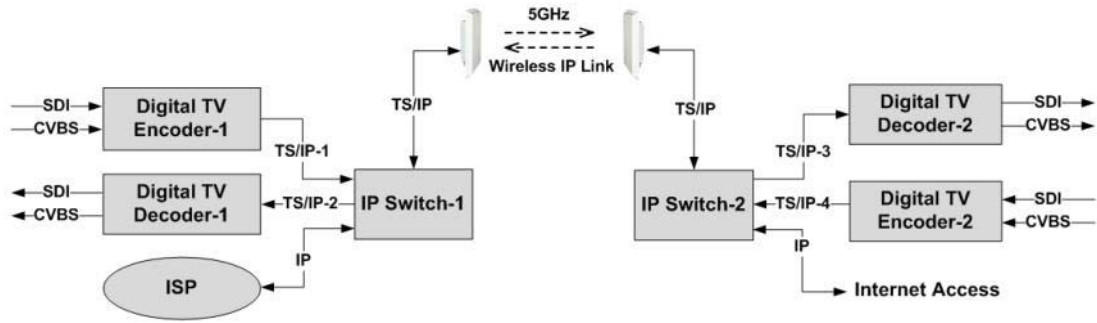


■ Multi-Channel Duplex Video Link





■ Hybrid Video + Internet Link



5GHz Wireless IP Link Physicals:



MiP-10



MiP-30



Order Information:

Model	Product Description
MiP-10	5GHz Wireless IP Link with gain 14dB, the transmission distance up to 10km
MiP-30	5GHz Wireless IP Link with gain 23dB, the transmission distance up to 10km
DMM-1300EC	Single channel MPEG-2 SD Encoder with SDI and CVBS inputs, TS/IP and ASI outputs
DMM-1400P	Single channel MPEG-2 SD IRD with 2x DVB-CI Slots, support DVB-S2/S/C/T, TS/IP and ASI inputs, TS/IP,CVBS,ASI and SDI outputs
DMM-2400EC	Quad channel H.264 SD/HD Encoder with TS/IP, HDMI,SDI and ASI inputs, TS/IP and ASI outputs
DMM-2200P	Dual channel MPEG-2/H.264 SD/HD IRD with 2x DVB-CI Slots, support DVB-S2/S/T2/T/C and TS/IP inputs, TS/IP,HDMI,CVBS and ASI outputs

