

HS-4960P Outdoor Backhaul

MIMO OFDM PtP/PtMP



Key Features

- 4.9~6.0GHz operating frequency
- MIMO HT-OFDM modulation
- Integrated 23dBi MIMO panel antenna
- IP68 waterproof enclosure
- IEC-61000-4-5 surge protection standard

Specifications

Radio								
Frequency range	4.9~6.0GHz							
Channel bandwidth	5/10/15/20/30/40/52MHz							
Frequency stability	± 2ppm							
Modulation	MIMO HT-OFDM							
Antenna	Integrated 23dBi MIMO panel antenna							
MCX index	HT-OFDM / HT20				HT-OFDM / HT40			
	Data rate (Mbps)		Tx output power	Rx sensitivity	Data rate (Mbps)		Tx output power	Rx sensitivity
	GI=800ns	GI=400ns			GI=800ns	GI=400ns		
MCS8	6.5/13	N/A	27±1.5dBm	-94/-92dBm	13.5/27	15/30	27±1.5dBm	-92/-90dBm
MCS9	13/26	N/A	26±1.5dBm	-92/-90dBm	27/54	30/60	26±1.5dBm	-89/-87dBm
MCS10	19.5/39	N/A	26±1.5dBm	-90/-87dBm	40.5/81	45/90	26±1.5dBm	-87/-83dBm

MCS11	26/52	N/A	25±1.5dBm	-87/-84dBm	54/108	60/120	25±1.5dBm	-84/-81dBm
MCS12	39/78	N/A	24±1.5dBm	-84/-81dBm	81/162	90/180	24±1.5dBm	-81/-79dBm
MCS13	52/104	N/A	23±1.5dBm	-80/-77dBm	108/216	120/240	23±1.5dBm	-78/-75dBm
MCS14	58.5/117	N/A	23±1.5dBm	-78/-75dBm	121/242	135/270	23±1.5dBm	-76/-73dBm
MCS15	65/130	N/A	23±1.5dBm	-76/-73dBm	135/270	150/300	23±1.5dBm	-74/-72dBm
Interfaces								
LAN	10/100/1000 Base-T RJ45 port							
Security								
Data Encryption	WPA-PSK, WPA2-PSK							
Advanced	MAC access control, disable SSID, proprietary protocol							
Software functions								
Management & setup	Web-based via popular browser (Chrome, IE 9.0 or later)							
Radio Locator	GPS coordinates & internet map database							
Network architecture	PtP / PtMP							
Protocol	TCP/IP, IPX/SPX, NetBEUI							
SNMP	MIB II							
Antenna alignment	Web GUI local, Remote information							
Power supply & consumption								
Power supply	AC 100~264V, 50-60Hz / DC 48V PoE (45W max.)							
Consumption	10W (typical) / 12W (max.) @ DC48V							
Environment								
Operating temperature	-30 ~ +60° C							
Humidity	95% non-condensing							
Physical								
Dimension	385(L) * 385(W) * 95(H) cm							
Weight	3.3kgs							
Standard accessories								
PoE, AC cord, mount kit, waterproof connector								

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