

# SL-230-5HN Series

## PRODUCT MODELS

SL-230-5HN-connectorize	150 Mbps, 5 GHz, Type-N Connectors , 400MHz CPU , OutDoor
SL-230-5HN-Flat19	150 Mbps, 5 GHz, Flat 19dbi Antenna integrated , 400MHz CPU , OutDoor
SL-230-5HN-Flat18	150 Mbps, 5 GHz, Flat 18dbi Antenna integrated , 400MHz CPU , OutDoor
SL-230-5HN-Flat23	150 Mbps, 5 GHz, Flat 23dbi Antenna integrated , 400MHz CPU , OutDoor
SL-230-5HN-Flat26	150 Mbps, 5 GHz, Flat 26dbi Antenna integrated , 400MHz CPU , OutDoor
SL-230-5HN-Flat28	150 Mbps, 5 GHz, Flat 28dbi Antenna integrated , 400MHz CPU , OutDoor

## INTERFACES

WIRED ETHERNET	auto MDI-X RJ45 10/100 Mbps Ethernet - Port #1 with PoE in & Data
WIRELESS PROTOCOL	802.11 a/n

## RADIO & TX SPECS

MIMO	1x1 MIMO				
MODULATION	OFDM				
Mode	Bridge , Station , Station WDS (Optional : support AP mode)				
FREQUENCY	4.9 – 6.0 GHz (Subject to Country Regulations)				
CHANNEL SIZE	40 MHz, 20 MHz, 10 MHz, 5MHz channel bandwidths				
DATA RATE	MCS 0 to 15 for High Throughput mode (6.5 – 150 Mbps) with Dynamic Data Rate Selection BPSK, QPSK, 16-QAM and 64-QAM for legacy mode (6Mbps - 54Mbps)				
TX POWER	Up to 22dBm (two Tx chain)				
RX SENSITIVITY (BER=10 <sup>-6</sup> )	<b>Channel Size</b>	<b>40 MHZ</b>	<b>20 MHZ</b>	<b>10 MHZ</b>	<b>5 MHZ</b>
	MCS 0	-87dBm	-93dBm	-94dBm	-96dBm
	MCS 7	-71dBm	-75dBm	-78dBm	-81dBm
	MCS 8	-87dBm	-93dBm	-94dBm	-95dBm
	MCS 15	-69dBm	-71dBm	-74dBm	-77dBm

## MANAGEMENT

REMOTE	Telnet and SSH, WebGUI and SSL, TFTP, SNMPv3
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## ENVIRONMENTAL SPECS

TEMPERATURE	-30° to 60°C (Operating) -55° to 80°C (Storage)
HUMIDITY	Max 100% relative humidity (non-condensing)

## POWER CONSUMPTION

	7 Watt typical (17 Watt max)
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## PACKAGE CONTENTS

Radio box  
One (1) wall/pole mounting bracket  
One (1) power injector and country specific power cord  
One (1) Ethernet cable water-proof plug

## WARRANTY

CPU	400 MHz – MIPS
RAM	32 MB
Radio Chipset	AR9220

### SL-230-5HN

Spectra from 5.1~5.8GHz  
Flat 28dbi  
400MHz CPU



### SL-230-5HN

Spectra from 5.1~5.8GHz  
Flat 18dbi  
400MHz CPU



### SL-230-5HN

Spectra from 5.1~5.8GHz  
Flat 19dbi  
400MHz CPU



### SL-230-5HN

Spectra from 5.1~5.8GHz  
Flat 23dbi  
400MHz CPU



### SL-230-5HN

Spectra from 5.1~5.8GHz  
Flat 26dbi  
400MHz CPU

