



AP 7522 802.11ac

5 Wi-Fi

802.11ac W i-Fi , , . . 802.11ac . Zebra AP 7522 802.11ac . . 802.11n 256 QAM 802.11n 802.11ac . , . AP 7522 . AP 7522

802.11ac 802.11n 802.11ac MIMO(Multiple-Input Multiple-Output) . 256 QAM 2X2 MIMO 802.11ac 802.11n 802.11ac . 2.4GHz . 802.11ac 5GHz , Wi-Fi . . BYOD(Bring Your Own Device) .

WIPS

WLAN . AP 7522 .

, , VoWLAN(Voice Over Wireless LAN) QoS(Quality of Service) . . , .

5 802.11ac Wi-Fi

AP 7522 Wi-Fi . 802.11ac 5GHz , 802.11n 2.4GHz . " " 802.11ac .

Zebra :

AP 7522 802.11ac WiNG 5 " " Zebra WiNG 5 . AP 7522

. . (Transmitting beamformer)

. Zebra .

AP 7522 () PCI HIPPA . 2-7 , AAA RADIUS , VPN , .

AP 7522 — 802.11ac /

Zebra (www.zebra.com/wns)

Zebra (,) 65.6858.0722 .

AP 7522 ()

AP 7522

802.11ac/802.11n

Wi-Fi (2.4 GHz/5 GHz)

5

256 QAM 2X2 MIMO

2.4GHz 5GHz 256 QAM

AP 7522

802.3af

PoE(Power-over-Ethernet)

,
0

365 24

Zebra WiNG 5 WLAN QoS,
AP . , . Zebra

WiNG

- 802.11r : .
- : .
- -RF: RF . Wi-Fi
- -Wi-Fi (:) .
- : .

2.4 GHz - 4 dBi

AP 7522 ()

5 GHz - 6 dBi

AP 7522		
802.11AC		
• , 256-QAM • 2X2 MIMO 2 (Spatial Stream) • 20, 40, 80MHz • 1.267Gbps • (AMSDU, AMPDU) • • 802.11 DFS • MIMO () • : STBC, LDPC • 802.11ac		48V
		280 mA @ 48V
	PoE	802.3af
		0
	2 3	3 , 802.1q, DynDNS, DHCP / , BOOTP , PPPoE LLDP
(LxWxH)	180mm x 165mm x 41mm (7.1 x 6.5 x 1.6)	, IP , NAT, 802.1x, 802.11i, WPA2, WPA : 24x7 WIPS , IDS ()
	0.82kg(1.8)	Quality of Service (QoS)
	(UL2043)	WMM, WMM-UAPSD, 802.1p , Diserv TOS
LED	LED 2,	Direct Sequence Spread Spectrum (DSSS), Orthogonal Frequency Division Multiplexing (OFDM) and Spatial Multiplexing (MIMO)
LAN	1x IEEE 802.3	
	4dBi - 2.4GHz , 6dBi - 5GHz	
	2 RP SMA (- AP-7522-67040-xx)	IEEE 802.11a/b/g/n/ac, 802.11d and 802.11i WPA2, WMM and WMM-UAPSD
	RJ45	802.11b/g: 1,2,5.5,11,6,9,12,18,24,36,48 54Mbps 802.11a: 6,9,12,18,24,36,48 54Mbps 802.11n: MCS 0-23 300Mbps, 2.4G (256QAM): 400Mbps 802.11ac: MCS 0-9 866.7Mbps
	: 0°C - 40°C(32°F - 104°F) : -20°C - 40°C(-4°F - 104°F)	
	-40°C - 70°C(-40°F - 158°F)	
	85% RH	2.4GHz : 1-13 5.2GHz : 36-165 *
	AP-7522-67030-xx: 15kV(), 8kv() AP-7522-67040-xx: 12kV(), 6kv()	2x2 MIMO(/)
		1dB
		2412 - 2472MHz, 5180 - 5850MHz
(AP-7522-67030-xx)		
2.4 GHz	1 : 20 dBm	UL / cUL 60950-1, IEC / EN60950-1,

		UL2043, RoHS	
		FCC (USA), EU, TELEC	
5 GHz	2		
	: 23 dBm		
	1		
	: 20 dBm		
	2		
	: 23 dBm		
(AP-7522-67040-xx)		Wi-Fi Alliance(WFA) 802.11a/b/g/n/ac	
2.4 GHz	1		
	: 19 dBm		
	2		
	: 22 dBm		
	1		
	: 18 dBm		
5 GHz	2		
	: 21 dBm		

802.11B(CCK)				5 GHZ: 802.11N (HT20)			
-98	@	1	Mbps	-95	@	MCS	0
-95	@	2	Mbps	-92	@	MCS	1
-92	@	5.5	Mbps	-90	@	MCS	2
-91	@	11.0	Mbps	-89	@	MCS	3
802.11G (NON HT20)				-86	@	MCS	4
-97	@	6	Mbps	-79	@	MCS	5
-96	@	9	Mbps	-77	@	MCS	6
-95	@	12	Mbps	-76	@	MCS	7
-93	@	18	Mbps	-93	@	MCS	8
-89	@	24	Mbps	-90	@	MCS	9
-86	@	36	Mbps	-87	@	MCS	10
-82	@	48	Mbps	-84	@	MCS	11
-80	@	54	Mbps	-81	@	MCS	12
802.11A (NON HT20)				-76	@	MCS	13
-95	@	6	Mbps	-74	@	MCS	14
-95	@	9	Mbps	-73	@	MCS	15
-94	@	12	Mbps	5 GHZ: 802.11N (HT40)			
-92	@	18	Mbps	-92	@	MCS	0
-88	@	24	Mbps	-89	@	MCS	1
-85	@	36	Mbps	-87	@	MCS	2
-81	@	48	Mbps	-85	@	MCS	3
-79	@	54	Mbps	-84	@	MCS	4
2.4 GHZ: 802.11N (HT20)				-76	@	MCS	5
-95	@	MCS	0	-75	@	MCS	6
-92	@	MCS	1	-74	@	MCS	7
-90	@	MCS	2	-90	@	MCS	8

-88	@	MCS	3	-87	@	MCS	9
-86	@	MCS	4	-84	@	MCS	10
-79	@	MCS	5	-81	@	MCS	11
-77	@	MCS	6	-77	@	MCS	12
-76	@	MCS	7	-73	@	MCS	13
-93	@	MCS	8	-72	@	MCS	14
-90	@	MCS	9	-65	@	MCS	15
-87	@	MCS	10				
-84	@	MCS	11				
-81	@	MCS	12				
-76	@	MCS	13				
-74	@	MCS	14				
-73	@	MCS	15				

2.4 GHZ: 802.11AC

MCS Index	Spatial Streams	VHT20	VHT40
0	1	-95	-93
8	1	-70	-68
0	2	-93	-90
8	2	-68	-66

5 GHZ: 802.11AC

MCS Index	Spatial Streams	VHT20	VHT40	VHT80
0	1	-95	-93	-90
8	1	-70	-68	-64
0	2	-93	-90	-85
8	2	-68	-66	-61

Zebra



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