

**Model T350 Series Wireless  
Access Point Datasheet**

# COMMSCOPE®

## RUCKUS WIRELESS™

Model Number	T350c	T350d	T350ns
Product Name	T350 Access Point		
Description	<p>T305 is a 2x2:2 802.11ac Wave 2 Outdoor AP. It has dual band concurrent operation. One channel 2.4GHz and one channel 5GHz transmits at the same time.</p> <p>Ethernet ports, 10/100/1000 Mbps RJ-45(with PoE in).</p> <p><b>Powered by PoE and 12V DC adaptor (not shipped with Product).</b></p>		
Manufacturer	Ruckus Wireless, Inc.		
Year of Introduction	2020		
802.11n Radio Standards	IEEE 802.11a/b/g/n/ac/ax		
WLAN Dual-Band Concurrent	<p>2x2 MIMO; 2 spatial stream MU-MIMO</p> <p>One channel 2.4GHz and one channel 5GHz concurrent operation.</p>		
Frequency Bands:	2400 – 2483.5 MHz		
	No	IEEE 802.15; BLE & Zigbee	No
	IEEE 802.11n (HT-20; HT-40; 20/40MHz BW)		
	2400 – 2483.5MHz (11 channels FCC / 13 channels ETSI - 20 MHz BW)		
	5150 - 5875 MHz		
	IEEE 802.11a/ac/ax (20MHz BW)		
	5150 – 5250 MHz (4 channels 20MHz)		
	5250 – 5350 MHz (4 channels 20MHz)		
	5470 – 5725 MHz (12 channels 20MHz)		
	5725 – 5850 MHz (5 channels 20MHz)		
	IEEE 802.11n/ac/ax (20MHz & 40 MHz BW)		
	5150 – 5250 MHz (4 channels HT20 / 2 channels HT40)		
	5250 – 5350 MHz (4 channels HT20 / 2 channels HT40)		
	5470 – 5725 MHz (12 channels HT20 / 6 channels HT40)		
	5725 – 5850 MHz (5 channels HT20 / 2 channels HT40)		
	IEEE 802.11ac/ax (80MHz BW)		
	5150 – 5250 MHz (1 channel 80MHz)		
	5250 – 5350 MHz (1 channel 80MHz)		
	5470 – 5725 MHz (3 channel 80MHz)		
	5725 – 5850 MHz (1 channel 80MHz)		
	<b>Note: Country-specific restrictions apply to allowed frequency bands of operation</b>		
Supported radio technologies:	802.11b: Direct-sequence spread-spectrum (DSSS)		
	802.11g/n: Orthogonal frequency division multiplexing (OFDM) 2x2 MIMO		

	802.11a/n/ac/ax: Orthogonal frequency division multiplexing (OFDM) 2x2 MIMO		
Supported modulation types:	802.11b: DBPSK, DQPSK, CCK		
	802.11a/g/n/ac: BPSK, QPSK, 16-QAM, 64-QAM		
	802.11ac/ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM		
Association rates (Mbps):	802.11b: 1, 2, 5.5, 11		
	802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54		
	802.11a: 6, 9, 12, 18, 24, 36, 48, 54		
	802.11n: MCS0 to MCS15 (6.5 Mbps to 600 Mbps) (20MHz, 40 MHz)		
	802.11ac/ax: up to 1733 Mbps (80MHz)		
Channelization	20MHz, 40MHz, 80 MHz		
RF Output Power (conducted)	2400 - 2483.5 MHz < 23 dBm; 200mW		
	5150 - 5250 MHz < 22 dBm; 200mW		
	5250 - 5350 MHz < 22 dBm; 200mW		
	5470 - 5725 MHz < 22 dBm; 200mW		
	5725 - 5825 MHz < 22 dBm; 200mW		
	Note: Output power limited by local regulatory requirements		
Processor & Radio	Cypress IPQ6010; 5G-QCN5152 & 2G-QCN5122		
Co-Location Operation	2.4GHz and 5GHz internal antennas tested for colocated use		
Internal Antenna	2 dual-band omni-directional antennas;		
Internal Antenna Gains	2.4G: 4.2dBi	5G: 4.5dBi	
Internal RF Connector	Internal Radio: U.FL x		
Antenna Polarity	2 vertically polarized antennas per band		
RF Impedance	50 Ohm		
Beamforming	2.4GHz and 5GHz supports explicit Tx Beamforming		
Combining Gain	3 dB Radiated; 3 dB Conducted		
Security	TPM based		
LAN Interface	1 port, 10/100/1000 Mbps RJ-45 Ethernet <b>with PoE in</b>		
USB	No	1x Type A USB2.0	No
Power	No	DC Input: 12Vdc; 1A LPS UL Listed Power supply	
	Power over Ethernet 802.3at, 48V DC Nominal		
Mounting Options	metal non-adjustable bracket		metal adjustable bracket
Grounding	Class II Ungrounded		
Operating Temperature	-20°C - +65°C	-40°C - +65°C	-40°C - +65°C
Operating Humidity	Operating Humidity: up to 95% non-condensing		
Enclosure	Outdoor Use - IP67 rated		
Enclosure Material	Metal alloy base and Plastic Radome		
Enclosure Size	TBD	TBD	TBD
Weight	TBD	TBD	TBD

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