

TECHNICAL SPECIFICATIONS SHEET FOR THE IEEE802.11a TR-5A SERIES WIRELESS LAN DEVICE

TR-5a Series Wireless Outdoor Access Points with Antenna



5.8GHz Access Points

Zcomax (UK) Ltd are pleased to present our IEEE802.11a 5.8GHz industry leading robust outdoor access points designed for long range outdoor Building-to-Building and WISP applications.

These outdoor wireless communication devices include the following features:

- IEEE802.11a compliant radio technology
- Outdoor casing
- Rear panel Signal strength LEDs
- Surge protection Power through Ethernet
- Directional Antenna (available in 19dBi or 24dBi versions)
- Mounting hardware
- User friendly web management interface

Company Registration No.	4026575	ZCOMAX TECHNICAL SPECIFICATIONS SHEET	H/W Version	TR
VAT Registration No.	760923426		F/W Version	TR REL
Document Version No.	0705 (v1.1)		Driver Version	N/A
General Status	RELEASE		Utility Version	CPE LOCATOR
Document Status	RELEASE		Manual Version	TR
			Component(s) Version	N/A
		PSU Version	18VDC 1A	

Product Description	TR-5a Series IEEE 802.11a Advanced Wireless LAN Outdoor Multifunctional Access Point Device									
Antenna	Horizontal or Vertical Polarisation									
	TR-5a-19c				TR-5a-24c					
	19dBi Panel				24dBi Panel					
	Vertical Beamwidth				Horizontal Beamwidth					
	7.7°				8.7°					
Frequency Bands (IEEE802.11a)	5.170 to 5.805GHz									
Modulation & Data Rates Supported (Mbps)	IEEE802.11a		QAM-64		16-QAM		QPSK		BPSK	
			54		48		36		24	
Receive Sensitivity (dBm @ x% PER)	IEEE 802.11a		TR-5a-19c				TR-5a-24c			
	Sensitivity @ Packet Error Rate: 10%		54Mbps: -94dBi				54Mbps: -97dBi			
Output Power (dBm)	TR-5a-21c				TR-5a-24c					
	13dBm				13dBm					
Storage & Environmental Information	Working Temperature (°C)		-50 ~ 50°C							
	Dimension		TR-5a-19			TR-5a-24				
			32.37cm * 24.9cm			34.86 cm * 39.84 cm				
Encryption & Authentication	64/128 WEP Encryption, WPA, MAC Address Filter									
Host Interface	Ethernet (10/100baseT)									
LEDs	Power, LAN, Activity, Signal Strength									
Device Management	HTML via Web Browser									
User Documentation	Supplied (printed copy)									
Warranty (Months)	Please refer to Zcomax T&Cs									
Surge Protection	Yes									
Attachments	Power through Ethernet Kit and Pole Mounting Kit (both supplied)									
Operation Modes	AP & WDS									
Power Supply	18Vdc 1A (supplied)									

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