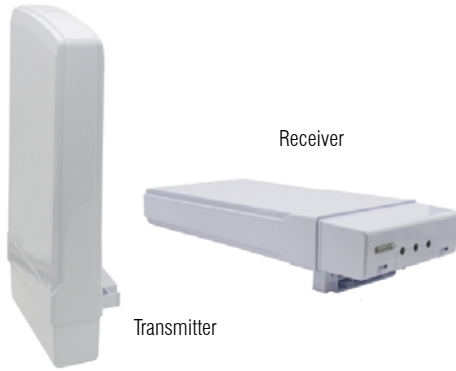


ACCESSORIES VW-SR

Short Range Wireless Transmitter



Key Features

- IEEE 802.11a/n compliant
- aTHEROS 560MHz Networking Processor
- Up to 26dBm output power
- Up to 300Mbps physical data rates
- Enhanced sensitivity performance
- Built-in 17dBi@5GHz dual-polarization antenna
- Antenna alignment signal survey
- Distance adjustment for long range transmission
- Passive PoE support
- Weatherproof casing and Grounding Terminal

Specifications	VW-SR		
Transmission range	1~3Km		
Processor	Atheros AR9342 (560MHz)		
Memory Size	64MB DDR		
NOR Flash	8MB (max 16MB optional)		
LAN Interface	2 FE ports with Auto-MDI/X		
Antenna	Integrated 5GHz 17dBi directional dual-polarization antenna		
Power Consumption	5.5 Watts		
Power Method	Passive PoE		
RoHS Compliant	Yes		
Weight	420 grams		
Humidity	Operating: 5% to 95% (non-condensing) Storage: Max.90% (non-condensing)		
Temperature Range	Operating: -20°C to 70°C Storage: -40°C to 90°C		
Connections Data			
Max of Client		100	
Max of concurrent associations	Encryption	TCP, each station upload and download randomly from 384 Kbps to 768 Kbps	UDP, each station upload and download 2Mbps
Max of concurrent association	WPA2-PSK	40	20
Transmit Power & Receiver Sensitivity			
Transmit Power	Data Rate	5GHz (aggregate)	
	HT20 MCS0	25dBm	
	HT20 MCS7	19dBm	
	HT40 MCS0	24dBm	
Receiver Sensitivity	Data Rate	5GHz	
	HT20 MCS0	-94dBm	
	HT20 MCS7	-77dBm	
	HT40 MCS0	-93dBm	
	HT40 MCS7	-75dBm	
Specifications			
Gain	17dBi		
Radiation	Directional		
Frequency Range	5.1-5.9 GHz		
Polarization	Dual-polarization		
Azimuth-3dB Beamwidth	Horizontal (Port 1): 30 degrees Vertical (Port 2): 33 degrees		
Elevation -3dB Beamwidth	Horizontal (Port 1): 17 degrees Vertical (Port 2): 17 degrees		
Isolation	-40dB (Max)		
Front-to-back ratio	-30dB (Max)		
VSWR	Horizontal (Port 1): < 1:87; Vertical (Port 2): < 1:1.55		
Cross Polarization Isolation	-28dB (Max)		
SideLobe	< -12dB		