



## AN-1526

### IEEE 802.11a/n 5GHz WIRELESS Media Bridge AP

- Compliant with IEEE802.11a/n
- Optimized for Video streaming
- Advanced features for range and robustness
- Video QoS, DFS Enhancements
- Offers low latency and near zero packet loss
- Support for multiple HD streaming in the home at high data rate and whole home coverage

### A New Wireless Media Bridge Solution For Delivering High Quality Wireless Video Around The Home

The AN-1526 is a high-performance evaluation kit of transmitting extremely reliable and high-quality video content over Wi-Fi throughout the home.

Applications include wireless media bridges for seamless HD IPTV distribution everywhere inside the home. Working in the IEEE 802.11 a/n 5GHz frequency band, the AN-1526 supports high PHY/data link speed with super wireless data throughput with greatest range

The AN-1526 design enables wireless home networks to deliver a varied range of video services and applications such as multi-room DVR, VoD, multi-IPVT and sharing of digital content without wires through the home.

Product Description		
IEEE 802.11a/n 5GHz WIRELESS MEDIA BRIDGE AP		
Standard Compliance		
IEEE802.3u MDI / MDIX 10/100/1000 Fast Ethernet IEEE802.11a wireless LAN standard IEEE802.11n wireless LAN standard		
Radio		
Antenna	3 * un-detachable 2dBi dipole antennas	
Output Power @25°C 1(Max Power)	IEEE 802.11a: 25.5dBm @ 6Mps	IEEE 802.11n: 25.5dBm@ HT20 25.5dBm @ HT40
Sensitivity	IEEE 802.11a: -91dBm @ 6Mbps	IEEE 802.11n -88dBm @ HT20 -88dBm @ HT40
Operating Frequency	FCC :5150-5250MHz,5725-5850MHz CE : 5150-5250MHz,5250-5350MHz,5470-5725MHz(DFS Band)	
Modulation	802.11a : OFDM 802.11n : OFDM	
Software Specification		
<ul style="list-style-type: none"> <li>●Transmit Buffering Enhancements : <ul style="list-style-type: none"> <li>✓Enables concurrent support of data &amp; video services without sacrificing video quality</li> </ul> </li> <li>●Multi Stream Video Improvements : <ul style="list-style-type: none"> <li>✓Optimizes bandwidth utilization in multi-client video streaming applications</li> </ul> </li> <li>●Intelligent Flow Control : <ul style="list-style-type: none"> <li>✓Reduces video packet loss</li> </ul> </li> <li>●Rate Control Enhancements: <ul style="list-style-type: none"> <li>✓Allows more stable throughput for video streaming</li> </ul> </li> <li>●Retry Delay Reduction and Buffer Reordering : <ul style="list-style-type: none"> <li>✓Reduces jitter and PLR</li> </ul> </li> </ul>		
Physical Specification		
PCBA Dimension	140mm(L) × 95mm(W) × 15.3mm(H)	
Weight	<500g	
Environment Specification		
	Temperature (Ambient)	Humidity (non-condensing)
Operating	0 ~ 50 °C	20 ~ 90%
Storage	-20 ~70 °C	20 ~ 95%
Warranty		
12 months		



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