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Attestation letter

This product is RTSD5000

Miracast, Wi-Fi Direct technology to use, HDMI class Full HD (1080p) movies with a resolution to realize wireless transmission technology, the specification of the Wi-Fi set standards and the organizations, Wi-Fi Aliance has been formulated by.

For this reason, Wi-Fi Aliance of certified equipment that meets the Miracast certification exam to get certified by the IEEE802.11n test specifications.

The latest in wireless display technology allows SmartPhones (Android version 4.2 (Jelly Bean) and above) to transmit HD video to the TV screen without the need for AP.

Is this this product
Based on IEEE802.11n standard supports IEEE802.11n 2.4G/5G Dual Band By using SmartPhones and connected and Miracast function smoothly in real-time mirroring without Latency is a product that can be implemented.

channel/frequency plan for this device showing the channels that have active scanning
RTSD5000 devices within the United States will be limited to operation on permissible part 15 frequencies.
This device is meet the frequency requirements of **Section 15.202**

2.4GHz (802.11 n) , BW 20MHz Channel
5 GHz (802.11 n) , BW20/40 MHz Channel [Do not support DFS BAND and 5.8GHz a legacy mode]

[FCC 2.4GHz]	[FCC -5GHz]	
20MHz	20MHz	40MHz
2412	5180	-
2417	-	5190
2422	5200	-
2427	5220	-
2432	-	5230
2437	5240	-
2442	5745	-
2447	-	5755
2452	5765	-
2457	5785	-
2462	-	5795
X	5805	-
X	5825	-

The other mode is disabled by software.

Miracast the Wi-Fi Direct technology is based on the **Peer-To-Peer** connection and uses the **beacon** signal.

Applied to the product RTSD5000 AR6203 Atheros Wi-Fi module through the use of a limited device protocol implementation of the product in operating condition to another mode or other bands such as changing the Country Code can not be changed and any connection that can also try a hardware or software can not be made.

Products related to the frequency and BandWidth separately by the country's internal memory OTP area Masking is shipped with Country Code

RTSD5000 products based on Wi-FI Direct MiraCast technology, Full-HD-quality video for telecommunications wider coverage and higher speeds to provide a standard other than MIMO IEEE802.11 n Wi-Fi CERTIFIED devices and other compatibility does not have a SmartPhone, and the behavior of the linkage can not be MiraCast.

Wifi-Module and the interoperability of the protocol is Disabled in the parameter 2.4GHz b, g and 5.8GHz legacy mode is not supported, Driver behavior in only 20 MHz channels are supported on 2.4, while both 20 and 40 MHz are supported on 5 GHz.

* Is this the same as Ad Hoc mode?
    No, this is not Ad-Hoc mode (also known as IBSS) but an extension to the ubiquitous infrastructure mode of operation that can operate without a dedicated access point. Ad Hoc, or IBSS, mode is a legacy protocol for Wi-Fi devices, and Wi-Fi Direct is a new innovation. With the technology underlying Wi-Fi Direct, a device can maintain a simultaneous connection to an infrastructure network – this isn't possible with Ad Hoc

Sincerely,

CHO YOUNGJOO
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