

Radio Frequency Interferences...

•Sharing radio frequencies that are considered part of the public band. We do not have entitlement and must accept interference if it exists.

Example: Other 2.4GHz or 5.8GHz video transmitters in the area•802.11b/g wireless data network, LAN or WAN•Cordless Phones, Data transceivers, wireless bar code readers, blue tooth devices, and Microwave ovens, etc.

Frequency Performance Comparison Chart...

From the chart below, select which frequency will perform best for your specific application.

FEATURES	5.8 GHz	2.4 GHz	1.2 GHz	900 MHz	UHF
AVAILABLE CHANNELS	8–16–32	4	4	3	Multiple
INTERFERENCE RISK	Very Low	High	Medium	Medium	Medium
BAND TYPE	FM	FM	FM	AM	AM
RESOLUTION	Excellent	Excellent	Excellent	Good	Average
OPTIMUM RANGE PERFORMANCE	Long	Medium	Medium	Short	Short
OUTDOOR PERFORMANCE	Excellent	Excellent	Excellent	Good	Average
MOBILE TX OR BODYCAM	Poor	Poor	Average	Good	Excellent
SECURITY/PRIVACY	Excellent	Good	Good	Average	Poor
LICENSE FREE OPERATION	Yes	Yes	No	Yes	No
WIRELESS PENETRATION THROUGH:					
WOOD	Average	Average	Good	Very Good	Excellent
DRYWALL	Average	Average	Good	Very Good	Excellent
CINDER BLOCK	Average	Average	Average	Good	Very Good
POURED CONCRETE	Average	Average	Average	Good	Very Good
TREES	Average	Average	Average	Good	Good
TINTED/UV COATED WINDOWS	Poor	Poor	Poor	Poor	Poor
METAL	None	None	None	None	None