Receiver Commands Summery

!	Attention all devices. Global call to all devices, receivers included
R&	Public transmitter call, all tags respond to this call
R#&	Addresses a specific receiver privately, # is the specific numeric ID.
e	The device stores current operating parameters on EEPROM
p#	Select RF transmission power, used to control the range bubble (default 3, range 0 through 3)
r#	Select RF input channel range (1 to 125). (default ch. 123 = 2.523GHZ)
t#	Select RF output channel range (1 to 125) (default ch. 123 = 2.523GHZ)
[	Everything between the first opening "[" and the last "]" closing bracket is RF broadcasted
m#	Mode # is a decimal value setting and clearing the mode bits
< >	ASCII data between the first and the last bracket is relayed to the serial I/O (RS485/RS232)
b	Receiver looks for ^# between broadcast brackets and replaces with # characters from memory
h	Deep sleep, the device essentially shuts off (sync strobing will wake the device in 24-64s)
f#	Sample rates f1=4 s/s, f2=8s/s and f4=16s/s
q#	Sets up a receiver result queue, receiver limit is 5 at 16s/s, 29 at 8s/s and 80 at 4s/s
v	Gets the device version
w	gets the status of the work registers.

Mode Byte

Bit.0 (1). Set: High precision, no noise immunity. Clear: Medium precision, noise immunity *
Bit.1 (2). Set: RFID precedes USID, (If Bit.0 is set there is no USID). **
Bit.2 (4). Set: Power Savings (battery mode)
Bit.3 (8). NOT USED
Bit.4 (16). Set: Distance with C prefix has industrial grade noise immunity (monotone will not work)
Bit.5 (32). Set: Displays only identifiable signals with C prefix (monotone will not work)
Bit.6 (64). Set: LED Off
Bit.7 (128). Set: Disable streaming data. And put results into a storage ring buffer for polling

Binary fundamentals Example:

To set bit 0, 1 and 6 compute $2^0 + 2^1 + 2^6 = (1+2+64) = 67$ (and enter M&m67)

To set bit 0, bit 2 and 7 compute $2^0 + 2^2 + 2^7 =$ (1+4+128) = 133 (and enter M& m133)

** Both Bit.1 and Bit.0 must be set high for the high precision mode*

*** If this bit is set, be sure the tag is sending it's RFID on the channel where the receiver is set to receive RF.*