

AT Command	Command Description	Default	Min Val	Max Val	Must be same on both ends
AT-AirSpeed	Data rate over the air. Overrides bandwidth, spread, and coding.	4800	0	38400	Yes
AT-AutoTune	Adjust frequency based on received frequency offset	1	0	1	No
AT-Bandwidth	Low number is longer range, less datarate	500.0	10.4	500.0	Yes
AT-ClientFindPartnerRetryInterval	Seconds before FIND_PARTNER xmit during training	3	0	255	Yes
AT-CodingRate	Set LoRa link coding rate denominator	8	5	8	Yes
AT-DataScrambling	Apply IBM Data Whitening to reduce DC bias	1	0	1	Yes
AT-EnableCRC16	Include 16-bit CRC with each packet	1	0	1	Yes
AT-EncryptData	Use AES-128-GCM for each packet	1	0	1	Yes
AT-EncryptionKey	16 byte key used for AES encryption	*	0	16 Bytes	Yes
AT-FramesToYield	Pause transmission for X frames to allow 2-way traffic	3	0	255	No
AT-FrequencyHop	Enable frequency hopping spread spectrum	1	0	1	Yes
AT-FrequencyMax	Maximum allowed radio frequency	928.0	≥Min	928.0	Yes
AT-FrequencyMin	Minimum allowed radio frequency	902.0	902.0	≤Max	Yes
AT-HeartBeatTimeout	ms wait before sending link ping	5000	250	65535	No
AT-MaxDwellTime	Amount of time before hopping	400	10	65535	Yes
AT-MaxResends	Attempts before dropping packet	0	0	255	No
AT-NetID	Network ID	192	0	255	Yes
AT-NumberOfChannels	Divide available spectrum by this amount	50	1	255	Yes
AT-OperatingMode	Multipoint, P2P, or VC	1	0	2	Yes
AT-OverHeadtime	Additional ms before ACK timeout occurs	10	0	65535	Yes
AT-PreambleLength	Set LoRa preamble length	8	6	65535	Yes*
AT-SelectLedUse	Define LED behavior	1	0	4	No
AT-Server	Synchronize network clock	0	0	1	No
AT-SpreadFactor	High number is longer range, less datarate	9	6	12	Yes
AT-SyncWord	Set LoRa sync word	0x12	0	255	Yes*
AT-TrainingKey	16 byte AES key used during training	**	0	16 Bytes	Yes
AT-TrainingTimeout	Minutes before training mode exits	1	0	255	No
AT-TxPower	Transmit power in dBm	30	14	30	No
AT-TxToRxUsec	µs between when TX sends and RX gets packet	657	0	65535	Yes
AT-VerifyRxNetID	Validate packets against the NetID	1	0	1	Yes

* These settings should be identical to link radios, but different settings do not guarantee exclusivity.