

k: 104 bits (40 bits export)

IV: 24 bits (used in CTR mode)

Confidentiality: short k, short IV, linearity / bit flipping, ...

Integrity: CRC is not a MAC/MIC

Sizes

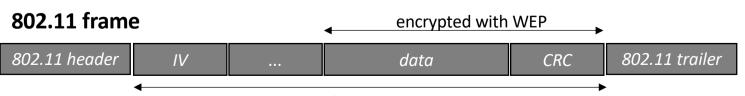
Key management: a single key for all devices

Authentication: not mutual, A can passively find the keystream for used IV

Open standard

Encryption: $c = (IV, RC4(k,IV) \oplus m \mid | CRC(m))$ Decryption: $m \mid | CRC(m) = RC4(k,IV) \oplus c$





802.11 frame payload

https://pagesonsecurity.blog