



Product Encryption Details

Ubiquiti Networks developed the following wireless networking product lines, which belong to three product families:

Product family		Corresponding product line(s)
airMAX®	airMAX M	airGateway®, airGrid®, Bullet™, IsoStation™ M, LiteBeam® M, NanoBeam® M, NanoBridge®, NanoStation® M, PicoStation®, PowerBeam® M, PowerBridge®, Rocket® M
	airMAX AC	Bullet™ AC, IsoStation™ AC, LiteAP™ AC, LiteBeam® AC, NanoBeam® AC, NanoStation® AC, PowerBeam® AC, PrismStation™, Rocket® AC
airFiber®		airFiber
UniFi®		UniFi

Ubiquiti Networks, Inc. informs, that all Ubiquiti products from airMAX, airFiber and UniFi product families use the following wireless security protocols:

Supported security protocol	WEP (Wired Equivalent Privacy)	WPA/ WPA2-TKIP (Wi-Fi Protected Access)	WPA-AES (Wi-Fi Protected Access, first version), authorization type Personal or Enterprise (EAP-TTLS, EAP-PEAP)	WPA2-AES (Wi-Fi Protected Access, second version), authorization type Personal or Enterprise (EAP-TTLS, EAP-PEAP)	airFiber protection protocol	HTTPS (HTTP with SSL/TLS)
Security algorithm	WEP-40/ WEP-104 with RC4 encryption algorithm	TKIP (Temporal Key Integrity Protocol) with RC4 encryption algorithm	AES (Advanced Encryption Standard)	AES (Advanced Encryption Standard)	AES (Advanced Encryption Standard)	SSL/TLS with RC4, DES, 3DES and AES encryption algorithm (negotiates)
Maximum key length	40 bit for WEP-40 104 bit for WEP-104	128 bit	128 bit	128 bit	128 bit	128 bit for RC4 64 bit for DES 168 bit for 3DES 256 bit for AES
Support by product family	airMAX M UniFi	UniFi	airMAX M UniFi	airMAX M airMAX AC UniFi	airFiber	airMAX M airMAX AC airFiber

All security protocols are intended exclusively for data encryption in the radio channel when using wireless standards 802.11 a/b/g/n/ac (airMAX and UniFi product families) and airFiber wireless standard (airFiber product family). All security protocols are not used to encrypt the data sent by users of computers connected to the communication network (e.g. not able to provide end-to-end encryption from user to user).

All security protocols are an integral part of Ubiquiti product and their encryption capabilities cannot be changed or modified by the end-user.

Ubiquiti products from airMAX, airFiber and UniFi product families have no restrictions in sales, meaning, these products can be supplied by all Ubiquiti distributors and resellers, specified in the relevant section of the official website <https://www.ubnt.com/distributors/>, as well as by their partners, both for organizations and private persons through cash sale, sale by mail order, sale via electronic transactions, telephone sales orders, etc.

All Ubiquiti products are intended for installation by customers without significant support from the vendor.



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