Knowledge Base
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Which wireless protocols do Alarm.com video devices support?

Wireless connection protocols

The following table outlines the Wi-Fi security protocols that each series of wireless video devices support to connect to a network:

Device	Standard	Frequency	Security
'10 series	802.11b/g	2.4 GHz	WEP, WPA, WPA2
'20 series	802.11b/g/n	2.4 GHz	WEP, WPA, WPA2
'21 series	802.11b/g/n	2.4 GHz	WEP, WPA, WPA2
'22 series	802.11b/g/n/ac	2.4 GHz, 5 GHz	WEP, WPA, WPA2
'23 series	802.11b/g/n/ac	2.4 GHz, 5 GHz	WEP, WPA, WPA2, WPA3 (requires firmware version 0.6.2.548+)
'24 series	802.11b/g/n/ac	2.4 GHz, 5 GHz	WEP, WPA, WPA2, WPA3 (requires firmware version 0.6.2.548+)
1080p Indoor Wi-Fi Camera (ADC-V515)	802.11b/g/n	2.4 GHz	WEP, WPA, WPA2, WPA3 (requires firmware version 0.0.5.357+)
1080p Indoor Wi-Fi Camera (ADC-V516)	802.11/b/g/n	2.4 GHz, 5 GHz	WPA2, WPA3
4MP Indoor Wi-Fi camera with Integrated Spotlight (ADC-V530)	802.11b/g/n	2.4 GHz, 5 GHz	WPA2, WPA3
1080p Outdoor Wi-Fi Camera with Integrated Spotlight (ADC-V716)	802.11b/g/n/ac	2.4 GHz, 5 GHz	WPA2, WPA3
4MP Outdoor Floodlight Camera (ADC-V729/ V729AC)	802.11b/g/n/ac	2.4 GHz, 5 GHz	WEP, WPA, WPA2, WPA3

Device	Standard	Frequency	Security
4MP Outdoor Wi-Fi Spotlight Camera (ADC-V730)	802.11b/g/n/ac/ax	2.4 GHz, 5 GHz	WPA2, WPA3
4MP Indoor/Outdoor Battery Camera with Two-Way Audio and Integrated Spotlight (ADC-V731B)	802.11b/g/n/ac	2.4 GHz, 5 GHz	WPA2, WPA3
Alarm.com Video Doorbell (ADC-VDB750)	802.11b/g/n/ac	2.4 GHz, 5 GHz	WPA, WPA2, WPA3 (requires firmware version 02093+)
Alarm.com Video Doorbell (ADC-VDB770)	802.11b/g/n/ac	2.4 GHz, 5 GHz	WEP, WPA, WPA2
Alarm.com Premium Video Doorbell Camera (ADC-VDB775)	802.11b/g/n/ac/ax	2.4 GHz, 5 GHz	WPA2, WPA3
Alarm.com Wireless Video Doorbell (ADC-VDB780B)	802.11b/g/n	2.4 GHz	WPA2
Alarm.com Battery Doorbell Camera (ADC-VDB781B)	802.11b/g/n/ac	2.4 GHz, 5 GHz	WPA2, WPA3
SkyBell and Slim Line I Wi-Fi Doorbell Cameras (ADC-VDB101/102/105/106)	802.11b/g/n	2.4 GHz	WPA, WPA2
Slim Line II Wi-Fi Doorbell Camera (ADC-VDB105x/106x)	802.11b/g/n	2.4 GHz, 5 GHz	WEP, WPA, WPA2
ADC-W110/ADC-W100	802.11b/g/n	2.4 GHz	WEP, WPA, WPA2
ADC-W114C	802.11b/g/n/ax	2.4 GHz	WPA, WPA2, WPA3
ADC-W115C	802.11b/g/n	2.4 GHz	WPA2

Access point protocols

The following table outlines the Wi-Fi security protocols required for wireless video devices to connect to the listed access point device:

Device	Standard	Frequency	Security
ADC-SG130	802.11b/g/n	2.4 GHz	WEP, WPA, WPA2
ADC-W114C	802.11b/g/n/ax	2.4 GHz	WPA, WPA2, WPA3
ADC-W115C	802.11b/g/n	2.4 GHz	WPA2
IQ Wi-Fi 6	802.11b/g/n/a/ac/ax	2.4 GHz, 5 GHz	WPA2, WPA3

If the router uses a standard or band not listed above

As long as the router is capable of enabling the wireless networking standards (e.g., 802.11 b/g/n/ac) required by the video device, the router should be able to enroll the camera.

For information about adjusting the router's settings to enable the required network standards, refer to the router's user manual.

Frequently asked questions

Are Wi-Fi 6 routers using 802.11ax backwards compatible with Alarm.com video devices?^

While some Alarm.com video devices do support the 802.11ax standard, most routers can also still be configured for backwards compatibility with the network standards listed above.

Are Wi-Fi 7 routers using 802.11be backwards compatible with Alarm.com video devices?^

While the video devices themselves do not support the 802.11be standard, most routers can still be set to be backwards compatible with the network standards listed above.

Do any video devices support WPA3?^

- '23 and '24 series video devices support WPA3 on firmware version 0.6.2.548+
- The ADC-V515 supports WPA3 on firmware version 0.0.5.357+
- The ADC-VDB750 supports WPA3 on firmware version 02093+
- The ADC-V516 supports WPA3 on all firmware versions
- The ADC-V530 supports WPA3 on all firmware versions
- The ADC-V730 supports WPA3 on all firmware versions
- The ADC-V731B supports WPA3 on all firmware versions
- The ADC-V729 and V729AC support WPA3 on all firmware versions