The right solution for your Homematic IP smart home system

So you're thinking of using Homematic IP for your smart home and you want to choose the right entry-level solution for you. Whether Home Control Unit or Access Point — any device can form the central interface in your Homematic IP Smart Home. Find out here the differences between the smart gateways and which is the right solution for your smart home.

Comparison criteria	Home Control Unit	Access Point
Product image		
Short description	HmIP-HCU1 / HmIP-HCU1-A	HmIP-HAP / HmIP-HAP-A
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz	868.0-868.6 MHz 869.4-869.65 MHz
Typical Range in open space	400 m	400 m
Dimensions (W x H x D)	96 x 173 x 96 mm	118 x 104 x 26 mm
Program and data storage	Local Remote access via cloud possible	Cloud
Network connection	LAN/Wi-Fi	LAN
User and configuration interface	Homematic IP app and HCUweb	Homematic IP app
Remote access via free Homematic IP app	✔ (in online mode)	✔
Local access via the free Homematic IP app	✔ (also in offline mode, in the home network)	no
Max. number of devices that can be connected to one access point/one central unit	350*1	120
Mixed operation of radio and wired possible	✔*3	✔*3
Three additional access points can be paired ("advanced routing")	✔ (HmIP-HAP)	✔ (HmIP-HAP)
Radio range extension possible via another access point (HmIP-HAP) ("advanced routing")	✔ (for LAN connection)	✔
Supports Homematic IP radio devices	✔	✔
Management and operation of multiple installations via a smartphone app	✔	✔
Compatible with Amazon Alexa, Google Assistant, Philips Hue, Magenta and Fewomatic	✔ (in online mode)	✔
Prepared for energy management	✔	no