

HyPanel Devices Comparison

	K341-R2-EU	K341-PvE-EU	P551-R2-EU	P551-PvE-EU	P551-FANCOOL-EU	P551-KNKE-EU	P551-HEATING-EU	P553-R2-EU	P553-D1-US	P553V2-D1-US	P552N-R1-US	RT61-R2-EU	RT61-PvE-EU	RT61-D1-EU	RT61-D1-US	PQ71-R2-EU	PQ71-PvE-EU	PQ71N-R2-EU	PQ71N-PvE-EU	
Panel Module																				
Flash Mounted Module																				
Power Supply	180-260VAC, 50Hz	EEER02.3M PvE & 12-24V DC	180-260VAC, 50Hz	EEER02.3M PvE & 12-24V DC	90-250VAC, 50/60Hz	KNK 21-30VDC AUX 21-30VDC	90-250VAC, 50/60Hz	180-260VAC, 50Hz	100-260VAC, 50/60Hz	100-260VAC, 50/60Hz	100-260VAC, 50/60Hz	180-260VAC, 50Hz	EEER02.3M PvE & 10-24V DC	180-260VAC, 50Hz	180-260VAC, 50/60Hz	180-260VAC, 50Hz	EEER02.3M PvE & 12-24V DC	180-260VAC, 50Hz	EEER02.3M PvE & 12-24V DC	
Touch Screen	3.2"	3.27"	4"	4"	4"	4"	4"	4"	4"	4"	4"	2.1"	2.1"	2.1"	2.1"	8"	8"	8"	8"	
Screen Resolution	320x480	320x480	480x480	480x480	480x480	480x480	480x480	480x480	480x480	480x480	480x480	480x480	480x480	480x480	480x480	260 cdmf	260 cdmf	260 cdmf	260 cdmf	
Screen Brightness	220 cdmf	220 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	210 cdmf	260 cdmf	260 cdmf	260 cdmf	260 cdmf	
Button	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	2 Touch Buttons	2 Touch Buttons	2 Touch Buttons	2 Touch Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	4 Physical Buttons	
Housing Material	Metal Buttons V0 Reproof PC	Metal Buttons, V0 Reproof PC	V0 Reproof PC	V0 Reproof PC	V0 Reproof PC	V0 Reproof PC	V0 Reproof PC	Metal	Metal	Metal	V0 Reproof PC	V0 Reproof PC+4 AG glass Buttons+ 1 Metal knob	V0 Reproof PC+4 AG glass Buttons+ 1 Metal knob	V0 Reproof PC+4 AG glass Buttons+ 1 Metal knob	V0 Reproof PC+4 AG glass Buttons+ 1 Metal knob	Metal	Metal	Metal	Metal	
Relay In	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Relay Out	2-gang, 1200W total, 800W/gang for resistive, 400W/gang for LED/CFL	+	2-gang, 1200W total, 800W/gang for resistive, 400W/gang for LED/CFL	+	3 relays with relative load up to 5A with inductive loads up to 3A each, 2 relays for cooling and heating relays + 2 relays for fan speed	100-240VAC relay	1-gang, 16A/400W@220V AC	2-gang, 1200W total, 800W/gang for resistive, 400W/gang for LED/CFL	+	+	+	1-gang, 800W total, 800W/gang for resistive, 400W/gang for LED/CFL	+	+	+	+	2-gang, 1200W total, 800W/gang for resistive, 400W/gang for LED/CFL	+	+	2-gang, 1200W total, 800W/gang for resistive, 400W/gang for LED/CFL
Dimmer Out	+	+	+	+	+	+	+	400W total, 200W/100W/gang for resistive, 400W/200W/gang for resistive, 150W/gang for LED/CFL	+	+	400W total, 200W/100W/gang for resistive, 400W/200W/gang for resistive, 150W/gang for LED/CFL	+	+	500W total, 200W/gang for resistive, 150W/gang for LED/CFL	+	400W total, 200W/100W/gang for resistive, 400W/200W/gang for resistive, 150W/gang for LED/CFL	+	+	+	+
RS485	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
PvE	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infrared remote control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Reset button	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SP	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Operating System	Linux	Linux	Android 10	Android 10	Android 10	Android 10	Android 10	Android 10	Android 10	Android 12	Android 12	Android 10	Android 10	Android 10	Android 10	Android 10	Android 10	Android 10	Android 10	
RAM	128MB	128MB	1GB	1GB	1GB	1GB	1GB	1GB	1GB	2GB	2GB	1GB	1GB	1GB	1GB	2GB	2GB	2GB	2GB	
ROM	256MB	256MB	8GB	8GB	8GB	8GB	8GB	8GB	8GB	8GB	8GB	8GB	8GB	8GB	8GB	16GB	16GB	16GB	16GB	
Camera	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1.0MP	1.0MP	+	+	
ZigBee	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	ZigBee3.0	
Wi-Fi	2.4GHz	2.4GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	Wi-Fi 6	Wi-Fi 6	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	2.4GHz/5GHz	
Bluetooth	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 5.4	Bluetooth 5.4	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	Bluetooth 4.2	
Ethernet	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	10/100Mbps adaptive	
3rd-party Apps	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Microphone	Dual microphone, 3dBFS	Dual microphone, 26dBFS	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -42dBV	Dual microphone, -38dBV	Dual microphone, -38dBV	Dual microphone, -38dBV	
Speaker	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Single speaker, 8Ω/1.5W	Dual speakers, 8Ω/1.5W	Dual speakers, 8Ω/1.5W	Dual speakers, 8Ω/1.5W	Dual speakers, 8Ω/1.5W	Dual speakers, 8Ω/1.5W	Single speakers, 8Ω/1.5W	Single speakers, 8Ω/1.5W	Single speakers, 8Ω/1.5W	
Proximity Sensor	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Light Sensor	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Temperature Sensor	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Humidity Sensor	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gravity Sensor	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NTC	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Flash Mounted Module	EUCH	EUCH	EUCH	EUCH	EUCH	EUCH	EUCH	EUCH	US	US	US	EUCH	EUCH	EUCH	US	EUCH	EUCH	EUCH	EUCH	
Flash Mounted Module DIM	51x50x35.8mm	51x50x35.8mm	51x50x35.8mm	51x50x35.8mm	51x50x35.8mm	51x50x35.8mm	51x50x35.8mm	51x50x35.8mm	51x50x35.8mm	44x72x34.7mm	44x72x34.7mm	51x50x34.9mm	51x50x34.9mm	51x50x34.9mm	44x72x34.1mm	51x50x34.9mm	51x50x34.9mm	51x50x34.9mm	51x50x34.9mm	
Panel DIM	86x86x11.8mm	86x86x11.8mm	86x86x11.8mm	86x86x11.8mm	86x86x11.8mm	86x86x11.8mm	86x86x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	86x120x11.8mm	
No-load consumption	3.5W	3.5W	5W	5W	5W	5W	5W	5W	5W	5W	5W	5.5W	5.5W	5.5W	5.5W	8W	8W	8W	8W	
Weight (without package)	193g±10g	173g±10g	203g±10g	183g±10g	-	-	-	281.5g±10g	299g±10g	303.5g±10g	-	628.5g	60g	60g	88g	56g	56g	56g	56g	