



Perenio® UV Lightsaber Specification PEKUV01



Model		PEHPL10
Main chipset	Operation system	
	MCU (PN)	RTL8710BN
Network	Communication protocol	Wi-Fi
	Repeater function	No
	Wireless standard (Certificate)	IEEE802.11 B/G/N20/N40
	Radio Data Rate	—
	Frequency range	2.400 ~ 2.4835GHz
	Wireless networking distance	Indoor 30m, Outdoor 100m
Antenna	Operating frequency (GHz)	2.400-2.4835GHz
	Transmitting power (dBm)	17.5dBm
	Receiver sensitivity (dBm)	-91dBm
	Antenna gain (dBi)	-2dBi
	Antenna efficiency (%)	30%-40%
Physical	Product dimensions (LxWxH)	76mm x 54mm x 54mm
	Case material type	White, Black, PC945
	Gross Weight	185g
	Net Weight	100g
Eletrical	Power supply	100-240VAC, 50/60Hz
	Metering Voltage (VAC)	Input: 80-270VAC
	Metering Current (A)	0-16A
	Metering Power (Watt)	0-4000W
	Power consumed	<1W
	Current protection (Yes/No)	No
	Voltage protection (Yes/No)	No
Additional functions	Tampered button	No
	Built-in RTC (Yes/No)	No
	Notification LED	1 led
	Reset/Connection switch	1 reset/pairing button
	Alarm switch	—
	Plug type (letter)	E, F
	Socket type (letter)	C, F
Environment	Operating temperature (range)	0°C ~ +50°C
	Operating humidity (range)	≤75%RH
	Storage temperature	—
	Storage humidity	—
	Ingress protection rating (IP44; 54; 66 etc.)	IP20
Certification	CE, FCC, RoHS	CE, EAC, RoHS
Warranty	2-year warranty (Yes/No)	Yes
Voice assistants	Google Assistant	Yes
	Amazon Alexa	Yes
	Apple Siri	Yes
	Yandex Alice	Yes
	Mail.ru Marusya	Coming

Additional Features	Power on state	Off
	Energy consumption monitoring	Basic
	Scheduler	Yes
	Countdown Timer	Yes
	Custom scenarios	Yes
	Preconfigured scenarios	No
	Working voltage range setting	No
	Maximum power setting	No
	Power indication by LED color	No

Model	PELUV01
Dimension	610 mm x 30 mm x 50 mm
IP	IP20
Power	20w
Driver	Electrical ballast
Input Voltage	AC 220-240V
Frequency	50-60HZ
Base	G13
UV Lamp	UV-C Light
Wavelength	260-275nm
Intensity	78μw/cm2
Space	<30m2
ANGLE	240°
Working Temp.	-10°C- 60°C
Material	Iron+Glass
Use for	Killing grems and acaricide
Warranty	2 years