

AF100-AED



AED

Model	HeartSine PAD 350P / 360P
Size	W 184 x L 234 x H 48 mm
Weight	1.2 kg

CERTIFICATION

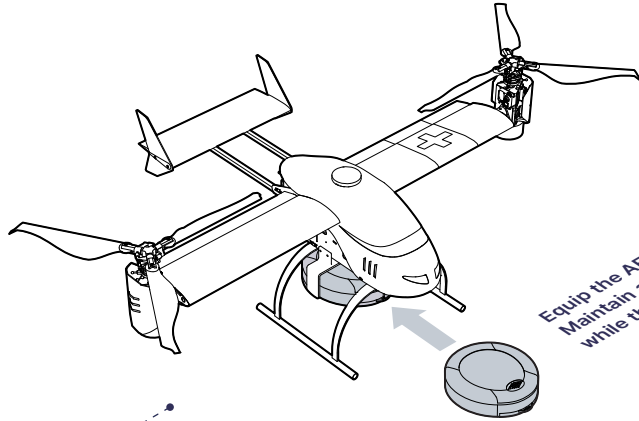
Korea Certification (AF100)

HARDWARE

Drone Type	Electric dual tilt-rotor (eVTOL)
Size	W1,000 x L 860 x H 300 mm
Payload / MTOW	1.2 kg / 6.99 kg (with batteries)
Propulsion	2 rotors during operation
Battery	1 LiPo battery (16,000 mAh)
Avionics	1 GNSS system
	2 Magnetometers
Connectivity	1 Cellular data link (4G or 5G)
	1 RF data & video link
	(5.8 GHz 5 km max.)

OPERATION

Flight Speed	around 80 km/s nominal cruise speed
Climb Speed	7.2 km/h climb, 5.4 km/h descent
Max. Speed	140 km/h
Flight Distance	5 km 30 km
Flight Time	3 min 25 min
Max. Altitude	2,000 m AMSL
Landing Accuracy	1.5 m (0.1 m with RTK-optional)
Operating °C	-5 ~ 40°C
Wind Resistnace	9 m/s average wind, 15 m/s gusts
Weather Limits	No operation during rain



Equip the AF100 with the AED
Maintain a battery level of over 70%
while the drone is in standby mode

OFFICE



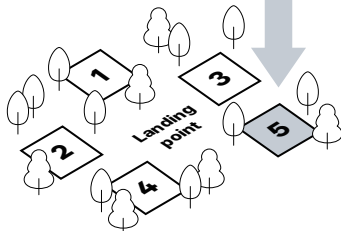
- Select the destination nearest to the heart attack patient on ***D-Nuri**

*D-Nuri: kiosk-based shuttle delivery system



- Call emergency center

5 km in 3 minutes



- AED delivered by AF100-AED



- Save the heart attack patient within golden time, 3 minutes



Fly for People