

AD22P Acoustic Leak Detector



The HIKMICRO Acoustic Leak Detector AD22P is a high-performance device equipped with the advanced SuperDetect feature, designed to help technicians and plumbers quickly locate leaks in plumbing systems, water services, and residential or commercial properties. With four selectable digital band pass filters, it filters and amplifies sound frequencies to ensure precise leak detection. Paired with its indoor and outdoor sensors, the AD22P can identify even the most easily overlooked leaks, helping to minimize resource waste and prevent property damage.

▪ Features

- Supports SuperDetect(only Indoor mode), quickly locate leak points
- Supports Inspection Mode and Quick Inspection Mode for efficient screening and accurate leak localization
- Supports four ranges of selectable digital bandpass filters
- Frequency Range: 200-16000 Hz
- 1024 × 600 Resolution, 7"LCD Touch Screen
- Up to 11 hours continuous running

▪ Specification

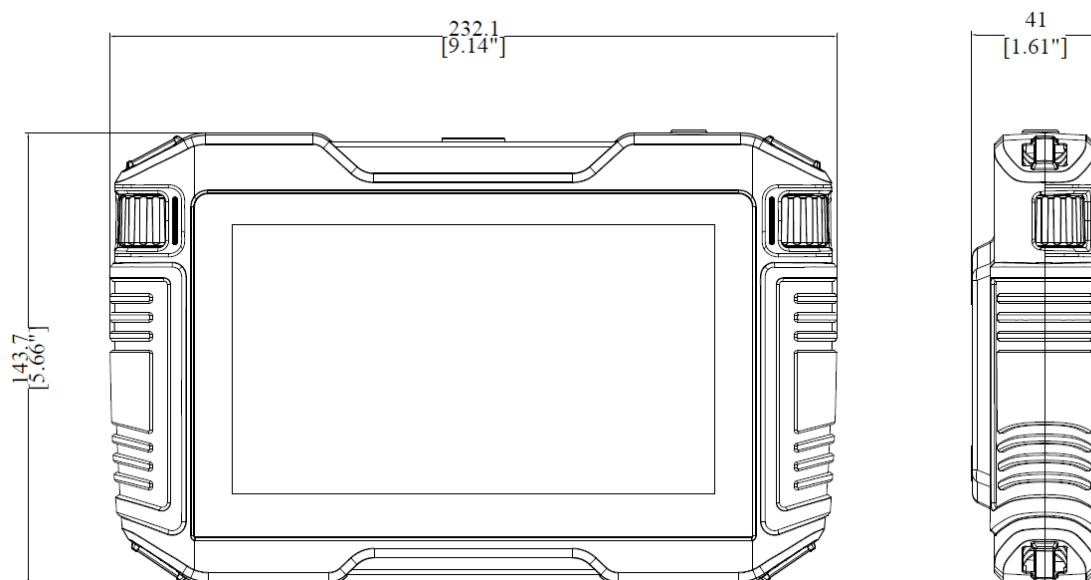
Acoustic	
Frequency Range	200-16000 Hz
Band Pass Filters	Indoor Mode 1: 5000 to 16000 Hz Indoor Mode 2: 8000 to 16000 Hz Outdoor Mode: 200 to 2000 Hz Custom Mode: Adjustable from 200 to 16000 Hz
Amplification	Manual
SuperDetect	Yes(only for indoor mode)
Image Display	
Display	1024 × 600 Resolution, 7"LCD Touch Screen
Screen Brightness	Manual/Auto
Data Storage and Communication	
Image Storage Capacity	Yes
Audio Storage Capacity	Yes, viewable only on PC
Audio File Format	.wav
Image Format	.jpeg
General	
USB Interface	USB 2.0,USB Type-C
EMC	EN 55032 EN 55035 EN IEC 61000-3-2 EN 61000-3-3 EN IEC 61326-1
Working Temperature Range	-10 °C to 50 °C
Drop Test Height	1.2 m
Weight	Main Body: 712 g Handle Grip: 305 g Headset: 190 g Indoor Sensor: 340 g Outdoor Sensor: 318 g Listening Stick: 79 g, 158 g, 160 g
Storage Temperature Range	-40 °C to 70 °C
Relative Humidity	< 90 % non-condensing
Battery Type	3.6 V~3.635 V, Rechargeable Li-ion Battery
Battery Operating Time	11h
Battery Charging Time	4h
Protection Level	Main Body: IP40 Indoor Sensor: IP40 Outdoor Sensor: IP66

▪ Available Model

HM-AP21-AD22P-I/O

HM-AP21-AD22P-I
HM-AP21-AD22P-O

▪ Dimension



▪ Packaging List

AD22P-I/O



Main Body (×1)



Indoor Sensor (×1)



Outdoor Sensor (×1)



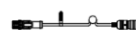
Listening Stick (×3)



Headset (×1)



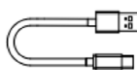
Handle Grip (×1)



Sensor Connection Cable (×1)



Power Adapter (×1)



USB Cable (×1)



Quick Start Guide (×1)



Neck Strap (×1)

AD22P-I



Main Body (×1)



Indoor Sensor(×1)



Headset (×1)



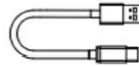
Handle Grip (×1)



Sensor Connection Cable (×1)



Power Adapter (×1)



USB Cable (×1)



Quick Start Guide (×1)



Neck Strap (×1)

AD22P-O



Main Body (×1)



Outdoor Sensor(×1)



Listening Stick (×3)



Headset (×1)



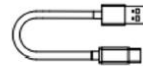
Handle Grip (×1)



Sensor Connection Cable (×1)



Power Adapter (×1)



USB Cable (×1)



Quick Start Guide (×1)



Neck Strap (×1)



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*Note: Specifications are subject to change without notice. For the current specs,
please go to www.hikmicrotech.com