



INDOOR NOISE MONITORING

RANOS ID SPECSHEET

Gain valuable insights, assess noise pollution
and boost productivity

Object:

Ranos iD

Purpose:

Indoor Noise Monitoring instrument



Specs:

Accuracy & Sensitivity

Measurement accuracy up to IEC 61672-1:2014 class 1, depending on placement

Rating

Indoor Use (IP50)

Ranges and Environmental conditions

Frequency range 20 Hz - 20 kHz @48kHz sample rate and 24bit dynamic range

Operating temperature: -10 to +50 degrees Celcius

Storage temperature: -20 to +60 degrees Celcius

Humidity: Up to 95% RH non-condensing

Power supply: +5 VDC via fixed micro USB cable.

Wireless Communication

LoRaWAN EU868, US915, AU923 and others depending on regional model.

Dimensions

Width (diameter): 149 mm Height: 38 mm

Measurement quantities

LAFast, LASlow, LAeq, LAFmin, LAFmax

LCFast, LCSlow, LCeq, LCFmin, LCFmax

Available through wired connection (Connect App via USB OTA with Google Chrome browser):

LZFast, LZSlow, LZeq, LZFmin, LZFmax, LCpeak, LCpeak_min, LCpeak_max, LZpeak, LZpeak_min, LZpeak_max, LASlow_min, LASlow_max, LAeq_min, LAeq_max, LCSlow_min, LCSlow_max, LCeq_min, LCeq_max, LZSlow_min, LZSlow_max, LZeq_min, LZeq_max