

TURING SMART SENSOR

TP-SNS01

KEY FEATURES

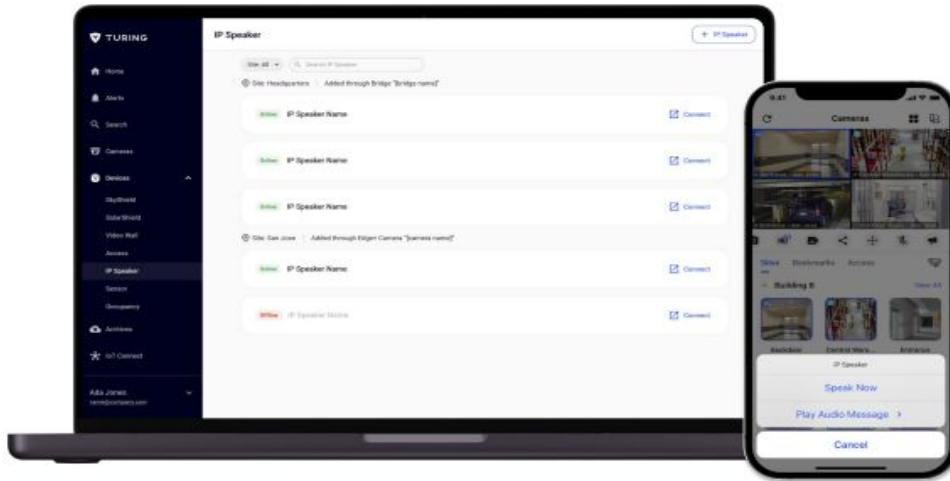
- ✓ Comprehensive Vape, THC & Air Quality Detection
- ✓ Multi-Sensor Motion, Noise & Aggression Detection
- ✓ Flexible PoE / DC12V + 2.4GHz Wi-Fi Connectivity
- ✓ Customizable Alarm Events & Automated Actions
- ✓ Configurable Audio + RGB Light Deterrence
- ✓ ONVIF, MQTT, HTTP & TCP Integration Ready



Up to 45 Watt Max

Combine video & audio systems into a single proactive security solution.

24/7 SECURITY WITH POWERFUL DETERRENCE



KEY FEATURES



Built-in multi-sensor technology detects vaping, THC, motion, tampering, and environmental conditions for comprehensive indoor monitoring



Monitors air quality parameters including PM1.0, PM2.5, PM10, TVOC, CO, CO₂, NO₂, HCHO, temperature, and humidity in real time



Integrated MEMS microphone supports noise and aggression detection, helping identify abnormal sound events and potential incidents



Customizable alarm events and response actions can be configured through the local web interface to match different site requirements



Built-in 3W speaker and configurable RGB deterrence light provide immediate audible and visual response when an alarm event is detected



Supports DC 9–36V input, ideal for solar-powered poles, mobile trailers, and off-grid surveillance deployments.



Supports PoE / DC12V, 2.4GHz Wi-Fi, ONVIF, MQTT, HTTP, and TCP protocols for flexible deployment and integration with VMS and third-party platforms

SPECIFICATIONS

GENERAL	
Dimensions (LxWxH)	146 mm Ø × 51 mm thick
Weight	500 g (with pendant mount NPT 3/4" threaded)
Working Environment	0°C to 50°C; 5–90% RH, non-condensing
Rating	IP30

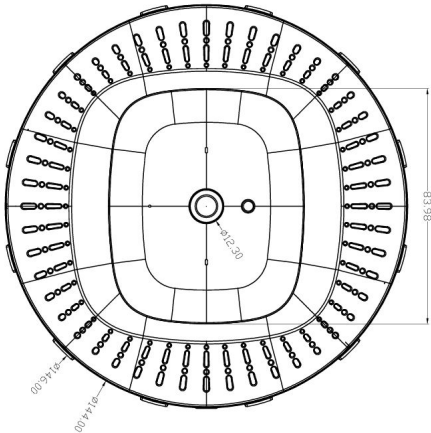
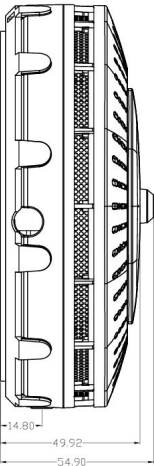
POWER	
	PoE IEEE 802.3af
Standard Output Power	Voltage: DC12V

FUNCTION	
Environmental Sensors	Temperature, Humidity, TVOC, CO, CO ₂ , NO ₂ , PM1.0, PM2.5, PM10, HCHO
Motion Detection	PIR (vision platform in dev)
Tamper Detection	Built-in tamper sensor
Audio Sensor	MEMS Microphone
Vape Detection	Supported
THC Detection	Supported
Noise Detection	Supported
Aggression Detection	Supported
Air Quality Monitoring	AQI/Health Index
Additional Events	Masking, Motion, ETOH

NETWORK	
	IPv4; IPv6; DHCP; ARP; RTSP; RTP; SNMP; NTP; HTTP (Port 80); HTTPS (Port 443);
Network Protocol	
Communication Method	Wired
Interface Protocol	ONVIF
Supported Platform	Turing Vision

INTERFACE	
Alarm Output	Alarm In x 1; Alarm Out x 1
Ethernet	10/100M Base-TX RJ45
Power Output	No power output
Reset Button	Yes

INSTALLATION	
Mounting Options	drop-down mount (bracket included, acquire pipe separately)



Note:

A Turing sensor license isn't required for Turing Vision to add sensors. but a CORE AI license is required to map cameras with sensors

maximum of 4 cameras can be mapped to a single sensor