

# TDIPHSP

For use with ToughDog cameras



## Technical Specification

### Microphone

|                    |                     |
|--------------------|---------------------|
| Type               | Built-in Microphone |
| Pickup Distance    | ≥ 8m                |
| Frequency Response | 50Hz to 12KHz       |
| Microphone Input   | 15 mV               |

### Speaker

|                              |                      |
|------------------------------|----------------------|
| Maximum Sound Pressure Level | 120 dB               |
| SNR                          | ≥ 75dB               |
| Frequency Response           | 250Hz to 16KHz       |
| Coverage Pattern             | 70° (H) x 100° (V)   |
| Speaker Output               | 15W                  |
| Audio Protocol               | MP3, G.711a/u.G. 722 |

### Amplifier

|      |                            |
|------|----------------------------|
| Type | Built-in 15W, 8Ω Amplifier |
|------|----------------------------|

### Interface

|                     |                                   |
|---------------------|-----------------------------------|
| TF Card Interface   | Support                           |
| 24V Auxiliary Input | Support, Can use ordinary network |

### Network

|                  |                                                         |
|------------------|---------------------------------------------------------|
| Network Port     | RJ45                                                    |
| Network Protocol | TCP, UDP, ARP, ICMP, IGMP, DHCP, IGMP, HTTP, SIP, ONVIF |
| Storage          | 512 MB Internal Storage, 128GB MicroSD Card             |

### Electrical

|             |                                         |
|-------------|-----------------------------------------|
| Input       | PoE+(IEEE 802.3at) / DC24V 1A (Standby) |
| Consumption | 15 W                                    |

### Connections

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Via NVR                           | Limit to 1 IPC for Two-Way Talk |
| Simultaneous Platforms Connection | 1 Platform Only                 |

- Maximum Connection Distance 100 m
- Supports ONVIF and SIP protocol
- Internal Storage 512 MB, SD Card Support
- Can be used with auxiliary input, 24V adapter, or PoE switch
- Built-in Microphone
- IP67 Ingress Protection Rating

## Environmental

|                       |                                              |
|-----------------------|----------------------------------------------|
| Operating Temperature | 40 °C to 60 °C(-40 °F to 140 °F), 60%~95% RH |
| Ingress Protection    | IP67                                         |

## Certifications

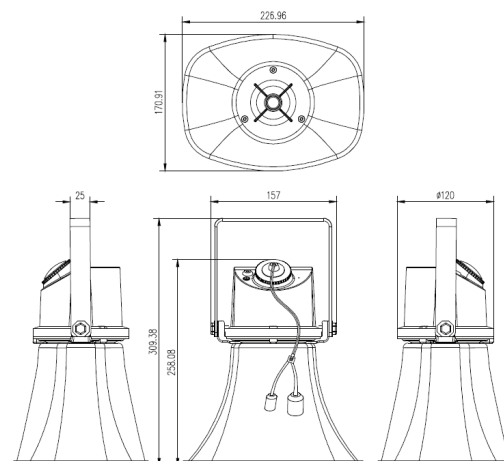
|                                    |                                                                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electromagnetic Comptability (EMC) | EN 55032 Class B, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-3(B)/NMB-3(B), VCCI Class B, RCM AS/ NZS CISPR 32 Class B, KC KN32 Class B, KC KN35 |
| Safety                             | IEC/EN/UL 62368-1, IEC/EN/UL 60950-22                                                                                                                                                                    |
| Environmental                      | IEC/EN 60529 IP67, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, MIL-STD-810G 509.5                                                 |

## Construction

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| Product Dimensions (L x W x H)   | 225mm x 170mm x 250mm<br>(8.85 in. x 6.69 in. x 9.84 in.)     |
| Packaging Dimensions (L x W x H) | 240 mm x 200 mm x 275 mm<br>(9.45 in. x 7.87 in. x 10.83 in.) |
| Net Weight                       | 1.8 kg (3.97 lb)                                              |
| Gross Weight                     | 2.5kg (5.51 lb)                                               |

## Dimensions

mm



Only connect the IP Speaker to one platform. Avoid binding to an IPC with both mic and speaker functions enabled in DSS