

# AXIS T8355 Digital Microphone

Digital microphone with lossless interface for superior audio

AXIS T8355 Digital Microphone is a high-performance, discreet microphone specially designed for best surveillance in large areas. First microphone with an S/PDIF output carrying digital audio signals between the microphone and network product. Thanks to the digital format with lossless transfer of audio signals, electromagnetic immunity is achieved making it ideal for situations where up to 100 m (328 ft) long cables are required. This hemispherical microphone collects sound from every direction, and the quality of the recording is vastly superior to that of the network product's internal microphone. Powered by the network product, no external supply needed.

- > Professional audio surveillance
- > Discreet and compact digital microphone
- > Support for S/PDIF output
- > Hemispherical
- > Flexible installation



# AXIS T8355 Digital Microphone

| Audio                |                                                                                                                                               | Safety                                                                                                                                                                                          |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supported devices    | Network products with Digital In and Ring Power                                                                                               | IEC/EN/UL 60950-1, CE                                                                                                                                                                           |
| Frequency range      | Within 20 Hz - 20 kHz (see graph) <sup>a</sup>                                                                                                | Environment                                                                                                                                                                                     |
| Sensitivity          | -30 dB $\pm$ 3 dB <sup>a</sup>                                                                                                                | IEC/EN 60529 IP65, EN 50581                                                                                                                                                                     |
| Max SPL              | 130 dB (10% THD) <sup>a</sup>                                                                                                                 |                                                                                                                                                                                                 |
| SNR                  | 76 dB A-weighted (relative 1 kHz @ 1 Pa, 94 dB SPL) <sup>a</sup>                                                                              |                                                                                                                                                                                                 |
| Directionality       | Hemispherical                                                                                                                                 |                                                                                                                                                                                                 |
| General              |                                                                                                                                               |                                                                                                                                                                                                 |
| Casing               | IP65-rated<br>Plastic casing<br>Color: NCS S 9002-B                                                                                           |                                                                                                                                                                                                 |
| Sustainability       | PVC free                                                                                                                                      |                                                                                                                                                                                                 |
| Power                | 9-13 V DC <sup>b</sup><br>Maximum consumption: 0.1 W                                                                                          |                                                                                                                                                                                                 |
| Connectors           | 3.5 mm stereo plug or terminal block with included extender                                                                                   |                                                                                                                                                                                                 |
| Operating conditions | -40 °C to 70 °C (-40 °F to 158 °F)<br>Humidity 0-75% RH (non-condensing)                                                                      |                                                                                                                                                                                                 |
| Storage conditions   | -40 °C to 70 °C (-40 °F to 158 °F)                                                                                                            |                                                                                                                                                                                                 |
| Approvals            | EMC<br>EN 55032 Class A, EN 55024, EN 55035,<br>FCC Part 15 Subpart B Class A, ICES-003 Class A,<br>VCCI Class A, RCM AS/NZS CISPR 32 Class A |                                                                                                                                                                                                 |
|                      |                                                                                                                                               | Dimensions                                                                                                                                                                                      |
|                      |                                                                                                                                               | Microphone (LxHxW): 27 x 20 x 20 mm (1.06 x 0.79 x 0.79 in)<br>Cable (LxØ): 5 m x 3.1 mm (197 x 0.12 in)<br>3.5 mm plug (Ø): 6.2 mm (0.24 in)                                                   |
|                      |                                                                                                                                               | Weight                                                                                                                                                                                          |
|                      |                                                                                                                                               | 90 g (0.20 lb)                                                                                                                                                                                  |
|                      |                                                                                                                                               | Included accessories                                                                                                                                                                            |
|                      |                                                                                                                                               | Installation guide, drill template, white cover, mount bracket, doublesided tape 20x10 mm, cable holders, cable gasket M20 3 mm, cable gasket M16 3 mm, Terminal Block to 3.5 mm Audio Extender |
|                      |                                                                                                                                               | Optional accessories                                                                                                                                                                            |
|                      |                                                                                                                                               | AXIS Digital Audio Extension Kit<br>AXIS Audio Extension Cable B, 5m<br>For more accessories, see <a href="https://axis.com">axis.com</a>                                                       |
|                      |                                                                                                                                               | Languages                                                                                                                                                                                       |
|                      |                                                                                                                                               | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese                                                                       |
|                      |                                                                                                                                               | Warranty                                                                                                                                                                                        |
|                      |                                                                                                                                               | 3-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>                                                                                                                  |

- a. The audio specifications were produced with the microphone mounted on a hard surface  
b. Power is provided by the Axis network product

Environmental responsibility:

[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)

