

## AXIS T83 Microphones

High-performance all-around microphones.



- > Professional audio surveillance
- > Outstanding dynamic range and low noise
- > Omnidirectional
- > Discreet and compact microphones

Compact and discreet microphones with high-performance in all scenarios. AXIS T83 Microphones are compatible with Axis network video products offering great detail and resolution.

The microphones are omnidirectional condenser microphones and therefore do not need to be aimed directly at the sound source. AXIS T83 design allows for discreet installation, and they can be used for covert audio detection or as a complement to indoor video surveillance.

AXIS T8351 with a 3.5 mm connector and AXIS T8353A with a 3.5 mm adaptor are compatible with Axis M-, P- and Q-line network video products supporting a 3.5 mm jack for microphone input.

AXIS T8353B Microphone Phantom Power is an omnidirectional microphone with an XLR contact and a pigtail

adaptor. Phantom power voltages of 12–48 V DC is supported. It is compatible with phantom power devices, such as AXIS P8221 Network I/O Audio Module.

With a broad range of mounting accessories, AXIS T8351 can be easily installed on walls or ceilings. Thanks to its small size is also suitable for covert audio surveillance. The 5 m (197 in) long cable allows for an installation closer to the sound source. Thanks to the IP66 rating, AXIS T8351 can be installed in semi-outdoor environments, such as under ceilings at airports and porches in subways or schools.

## Technical Specifications – AXIS T83 Microphones

<b>Models</b>	AXIS T8351 Microphone 3.5 mm AXIS T8353A Microphone 3.5 mm AXIS T8353B Microphone Phantom Power	<b>Environment</b>	AXIS T8351: Indoor, Semi-outdoor AXIS T8353A/T8353B: Indoor
<b>Audio</b>		<b>Operating conditions</b>	AXIS T8351: -20 °C to 60 °C (-4 °F to 140 °F) Humidity up to 75% RH (non-condensing) AXIS T8353A/T8353B: -25 °C to 45 °C (-13 °F to 113 °F) Humidity up to 90% RH (non-condensing)
<b>Supported cameras</b>	AXIS T8351/T8353A: All Axis M-, P- and Q-line network video products supporting a 3.5 mm jack for microphone input AXIS T8353B: AXIS P8221 Network I/O Audio Module	<b>Storage conditions</b>	AXIS T8351: -20 °C to 60 °C (-4 °F to 140 °F) AXIS T8353A/T8353B: -25 °C to 70 °C (-13 °F to 158 °F)
<b>Frequency range</b>	20 Hz to 20 kHz (see graph)	<b>Dimensions</b>	AXIS T8351: Microphone (LxHxW): 28 x 20 x 20 mm (1.1 x 0.8 x 0.8 in) Cable (LxØ): 5 m x 3 mm (197 x 0.1 in) 3.5 mm plug (Ø): 6 mm (0.2 in) AXIS T8353A/T8353B: Microphone (LxØ): 5.4 x 12.7 mm (0.2 x 0.5 in) Cable (LxØ): 1.8 m x 1.6 mm (71 x 0.06 in) 3.5 mm plug (Ø): 7.9 mm (0.3 in) XLR adaptor (LxØ): 20.4 mm x 70 mm (0.8 x 2.8 in)
<b>Sensitivity</b>	AXIS T8351: -40 dB (relative: 1 V/Pa) AXIS T8353A/T8353B: -44 dB (relative: 1 V/Pa)	<b>Weight</b>	AXIS T8351: 70 g (0.15 oz) AXIS T8353A: 14 g (0.5 oz) AXIS T8353B: 80 g (2.8 oz)
<b>Max SPL, peak before clipping</b>	AXIS T8351: 120 dB AXIS T8353A/T8353B: 138 dB	<b>Included accessories</b>	AXIS T8351: White Cover, Mount Bracket 0–4 mm, Mount Bracket, Doublesided tape 20x10 mm, Cable Holder, Cable Gasket M20 3 mm, Cable Gasket M16 3 mm, Installation Guide AXIS T8353B: XLR adaptor, Pigtail
<b>SNR</b>	AXIS T8351: 64 dB A-weighted (relative: 1 kHz @ 1 Pa, 94 dB SPL) AXIS T8353A/T8353B: 68 dB A-weighted (relative: 1 kHz @ 1 Pa, 94 dB SPL)	<b>Optional accessories</b>	AXIS Audio Extension Cable A 5 m (197 in) AXIS T8353A/T8353B: AXIS T8353 Mount
<b>Directionality</b>	Omnidirectional	<b>Warranty</b>	Axis 3-year warranty, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>
<b>Power</b>		a. Power is provided by the Axis network video product	
<b>Power requirements</b>	AXIS T8351: 3–5 V DC <sup>a</sup> AXIS T8353A: 3–5 V DC <sup>a</sup> AXIS T8353B: 12–48 V DC <sup>a</sup>	More information is available at <a href="http://www.axis.com">www.axis.com</a>	
<b>Connectors</b>	AXIS T8351/T8353A: 3.5 mm phono plug AXIS T8353B: XLR male and pigtail		
<b>General</b>			
<b>Casing</b>	AXIS T8351: Color: Light gray NCS S 1002-B AXIS T8353A/T8353B: Color: NCS S 9002-B		
<b>Compliance</b>	RoHS, REACH, IEC/EN 60950-1, EN 55103-1, EN 55103-2		
<b>Approvals</b>	AXIS T8351: IP66		

### Frequency range

