



SXM HT01

Two-way intercom module with integrated microphone and speaker

Siera Xtreme Mobile is a line of MNDVRs, dashcams, and bodycams with advanced features designed to meet all the needs of the mobility market.

Key Specifications

- Integrated intercom controller
- High-sensitivity omnidirectional microphone
- Clear communication with SNR ≥ 58 dB
- 2W internal speaker with high sound pressure
- Low current consumption ($\leq 500 \mu\text{A}$)
- Wide operating temperature range
- Compact design and easy integration
- High mechanical resistance and durability
- Complies with traction, bending, drop, and temperature tests
- Flame-retardant plastic housing (HB level)

MICROPHONE

Microphone sensitivity:	$-38 \text{ dB} \pm 3 \text{ dB @ 1 kHz}$
Directionality:	Omnidirectional
Impedance:	$\leq 2.2 \text{ k}\Omega$
Signal-to-noise ratio:	$\geq 58 \text{ dB}$
Current consumption:	$\leq 500 \mu\text{A}$

SPEAKER

Type:	Internal speaker with magnet
Power:	2W
Impedance:	$8 \Omega \pm 20 \% @ 1 \text{ kHz}$
Sensitivity:	$102 \pm 2 \text{ dB}$

OTHERS

Working temperature:	-20°C to $+60^\circ\text{C}$
Working voltage:	2V – 10V
Dimensions:	$97 \times 67 \text{ mm}$

