

AUDISEE Headset



*The **AudiSee headset-camera** comprises a miniature camera and a microphone attached to a support arm placed in front of the speaker's face.*

Adjustable head band

Weight: 150 g

Cable length: 90 cm

Connector: 6 pins DIN connector

Video camera: High Resolution Color camera module

Format:	1/3" (.85 cm) Imager, NTSC
Active Image Area:	4.69mm Horizontal X 3.54mm Vertical
Picture Elements:	510 Horizontal x 492 Vertical
Resolution:	330 lines
Automatic Exposure:	1/16 to 1/15,734 second
Scanning System:	2:1 Interlaced
Automatic Image:	Brightness, Exposure, White balance
Lense:	4mm - 90 degree field of view
Sensitivity:	Less than 3 lux @ f 1.4 lens
Dimensions:	L: 1.2 inch (30mm) H: 0.6 inch (17mm) W: 0.6 inch (17mm)

Microphone: Unidirectional Back Electret Condenser Microphone Cartridge

Sensitivity:	-50±4db (0db = 1V/pA, 1kHz)
Impedance:	Less than 2.2k Ω
Directivity:	Unidirectional
Frequency:	100-12,000 Hz
Sensitivity reduction:	Within -3 db at 1V
S/N ration:	More than 55 db
Dimension:	D : 6 mm H : 5 mm

AUDISEE Transmitter



*The **AudiSee transmitter** is worn at the waist level. It is connected to the headset-camera. It comprises a video/audio transmitter and a battery.*

ON/OFF push button

LED indicator for power ON and battery status, varies from green to red. orange indicates approximately 1 hour of use.

Battery: DR-108 10.8V /1250 mA Ion-Lithium battery. Typically 7 hours of operation.

Connector: 6 positions female DIN connector.

Video:

- Frequencies: Two positions selector for channel **A** (906 MHz) and **B** (915 MHz).
- Modulation: DSB-AM modulation with 80% modulation.
- Format: NTSC with color sub-carrier at 3.58 MHz.
- Antenna: Fixed isotropic omni-directional antenna (4 cm x 0.6 cm dia.).
- Bandwidth: 4 MHz
- Radiated power: 50 mV/m @ 3m
- Frequency stability: ± 250 KHz

Audio:

- Frequencies: Three positions selector for channel **04** (72.125 MHz), **24** (75.675 MHz) and **42** (72.925 MHz).
- Modulation : FM modulation ± 12 KHz deviation
- Bandwidth: 25 KHz
- Antenna: Fixed omni-directional in the headset camera cable.
- Radiated power: 80 mV/m @ 3m
- Frequency stability: ± 25 ppm

Dimensions: 11.5 cm x 9.5 cm x 3.5 cm