



Type: Loudspeaker - IP - Hardware

Item Code: GU-SI-AC0030H

EAN CODE: 4260573067237

ESSENTIAL

Our ESSENTIAL product line is designed to deliver high-quality performance, with basic features and impressive functions, making it perfect for smaller applications.

IP-Speaker Series

In modern video systems, a good image alone is no longer sufficient. Whether for emergency alerts, announcements, or direct voice communication within a scene, speech is crucial to attract attention and ensure safety. However, the built-in speakers of cameras quickly reach their limits in this regard. The solution is the new IP speaker series from GRUNDIG, which has been specifically developed for operation in IP-based security solutions. These speakers deliver crystal-clear voice transmission with significantly greater range and volume. They seamlessly integrate into existing GRUNDIG video systems and are quickly ready for use thanks to plug & play functionality over the existing network, without the need for additional wiring or complex installation. The devices guarantee high voice quality even in noisy environments and are fully compatible with the GRUNDIG video management system. Their simple scalability and centralized control make operation easier, while their robust, weatherproof design makes them suitable for 24/7 use. Fast installation and low maintenance requirements complete the offering.

Features

- 48K OPUS audio encoding ensures crystal-clear sound quality with efficient compression, perfect for seamless communication and media streaming
- Built-in 30 W amplifier, 380 Hz to 10 KHz frequency range and 129 dB max sound pressure level
- Seamlessly compatible with our Smart Line Network Video Recorders and C-WERK® Video Management System, ensuring effortless integration and streamlined operation. Thanks to ONVIF support, the device also offers broad compatibility with third-party cameras, network recorders, and video management solutions—providing flexible and scalable security options for any environment
- The loudspeaker is compatible with VoIP technology and supports a wide range of SIP-based devices. These include IP PBX systems, IP phones, and other SIP-enabled communication devices. The SIP protocol enables flexible, scalable, and cost-effective communication solutions that integrate seamlessly into existing VoIP infrastructures.
- The user interface is designed for simplicity and efficiency, enabling users to easily configure the IP speaker. Quick access to essential functions, clear menus, and customizable settings make system administration straightforward and seamless.
- Supports an open HTTP API, enabling seamless integration with security systems. During an active alarm, external systems can send HTTP requests to trigger alerts or sounds instantly. This allows quick, automated responses for enhanced security and efficient management

NDA compliant

GRUNDIG Security's audio device is fully compliant with the National Defense Authorization Act (NDAA), which prohibits U.S. federal agencies and their partners from using video surveillance and telecommunications equipment or services from certain Chinese companies. This law is part of the John S. McCain NDAA and is effective August 2020.

Specifications GU-SI-AC0030H

Audio

Speaker component:	1.5" mid-frequency driver unit
Max sound pressure level:	129 dB
Rated Power:	DC: 8 Ω 30 W or PoE: af-8 Ω 8 W - at-8 Ω 20 W
Audio Amplifier:	Class D Amplifier
Frequency range (audio):	380 Hz ~ 10 KHz
Sensitivity:	115 dB - 1 m - 1 W - 1 KHz
Coverage Pattern:	78°H 78°V(1kHz,-6dB), effective distance 200m
Audio Bit Rate:	64 ~ 320 kbps, MP3 sampling rate 8 ~ 48 KHz, Mono or Stereo
Audio Compression:	G.722, G.711 a-law, G.711 u-law, Opus

Network

Internal Memory:	128MB RAM, 256MB Flash
Web Browser:	Safari V12.1+, Mozilla Firefox V.52+, Google chrome V.57+, MS Edge V.79+
Network Protocol:	SIP(RFC3261), HTTP, HTTPS, TCP/IP, SSL/TLS, DNS, SNTP, NTP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH
Cyber Security:	End-to-end HTTPS/TLS encryption, Multi-factor authentication, JWT Token-based API authentication, 3 levels of user management: admin, operator, user, mandatory password change recommendation, brute force delay protection login sessions include timeout mechanisms, SIP over TLS encrypted voice signaling, SIP digest authentication, SIP agent based on baresip, SSH disabled by default, digest authentication for ONVIF, TLS 1.2, TLS 1.2 with updated cipher suites including AES 256 encryption, X.509 digital certificates

I/O Interface

Interfaces:	1 x 10, 100 Base T, TX (RJ-45) 1 x 3-pin 3.81mm Phoenix terminal (Dry Contacts) 1 x 2-pin 3.81mm Phoenix terminal (Switch) 1 x DC Female interface (5.5*2.1)
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Approvals

Protection Rating:	IP66 (IEC 60529-2013)
Regulation:	CE, EAC, FCC, RoHS Compliant
Standard:	ONVIF, SDK/API

Environmental

Operating Temperature:	-30 °C ~ +70 °C (-22 °F ~ 158 °F)
Operating Humidity:	10% ~ 95%, non-condensing

Electrical

Supply Voltage:	24 VDC, PoE IEEE 802.3 af/at
Power Consumption:	Max. 35 W

Mechanical

Material:	Aluminium (ADC12)
Colour:	White
Dimensions:	Ø 246 x 292 mm (7.69 x 11.50 inch)

Mechanical

Weight:	2280 g (5.03 lb)
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Packaging

Package Dimensions:	300 x 300 x 325 mm (11.81 x 11.81 x 12.80 inch)
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Package Weight:	2800 g (6.2 lbs)
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Packaging Unit:	4
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Bulk Package Dimensions:	625 x 315 x 675 mm (24.61 x 12.40 x 26.57 inch)
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Bulk Package Weight:	11200 g (24.7 lbs)
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