



Fortus IP Speaker



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Product Description

The Fortus IP Horn Speaker is an outdoor IP67 IP speaker.

It's compatible with the ONVIF protocol profile S and profile T.

It can be used with:

1. VMS platforms such as Network Optix, Milestone, Avigilon, Genetec which support ONVIF IP Speakers.
2. Camect Smart Camera Hubs which is required for Remote CCTV Monitoring.
Multiple IP speakers can be added to one Camect Smart Camera Hub which will receive a live audio broadcast from the Resure CCTV Monitoring ARC.

As this is an ONVIF device, it will be searchable by Camect without the need for other software.

IMPORTANT: THE IP SPEAKER NEEDS TO HAVE ONVIF ENABLED TO WORK WITH ONVIF DEVICES

It also supports uploading pre-recorded audio messages which can be triggered by the speakers alarm input.

It can use standard PoE or 12V DC PSU.

IP Speakers Quick Start Guide



15W Ceiling



30W Ceiling



50W Ceiling



15W/30W Wall



15W White Horn



30W White Horn



15W Grey Horn



30W Grey Horn

Features

- Compatible with VoIP SIP device.
- Compatible with ONVIF VMS.
- PoE eliminates need for local power supply.
- 48K OPUS Audio Codec enables excellent sound quality.
- Support pre-recorded messages, schedule, HTTP, alarm in.

Specification

Speaker	Ceiling	Ceiling	Ceiling	Wall	Wall	White Horn	White Horn	Grey Horn	Grey Horn
Protocol	SIP, SIP P2P, ONVIF, HTTP, HTTPS, IPv4, DHCP, RTSP, RTP, RTCP, TCP, UDP, ARP, NTP								
Codec	OPUS 48KHz, MP3 44.1KHz, G.722 ADPCM 16KHz, G.711U 8KHz, G.711A 8KHz, GSM, LPCM Stereo 44.1KHz, LPCM Mono 44.1KHz								
Network Interface	RJ45, 10BASE-T/100BASE-TX								
Rated Power	15W	30W	50W	15W	30W	15W	30W	15W	30W
Power	PoE or DC 12v	PoE or DC 12v/24v	PoE++ or DC 24v	PoE or DC 12v	PoE or DC 12v/24v	PoE or DC 12v	PoE or DC 12v/24v	PoE or DC 12v	PoE or DC 12v/24v
Built-in MIC	Optional	Optional	N/A	Optional	Optional	Optional	Optional	N/A	N/A
Max SPL	96dB	110dB	89dB	101dB	105dB	113dB	120dB	113dB	120dB
Frequency Response	100Hz-18KHz	93Hz-20KHz	80Hz-20KHz	80Hz-20KHz	80Hz-20KHz	300Hz-8KHz	350Hz-8KHz	300Hz-8KHz	350Hz-8KHz
Material	Metal	Metal	ABS	ABS (IP55)	ABS (IP55)	ABS (Mic IP66) (IP67)	ABS (Mic IP66) (IP67)	ABS (IP67)	ABS (IP67)
Weight (kg)	1	1.95	1.9	3	3.75	1.4	2	1.4	2
Size (mm)	200*90	265* 105	230* 160	296*196 *157	296* 196 *157	225*165 *240	285*205 *290	200*230	246*292

Hardware Interface

The IP Speaker has interface of Alarm in, PoE and DC Power except that the 15W and 30W built-in MIC white horn speaker also has audio in. The IP Speaker can be powered by PoE or DC power.



Configuration

Option 1: Quick IPTool Setting

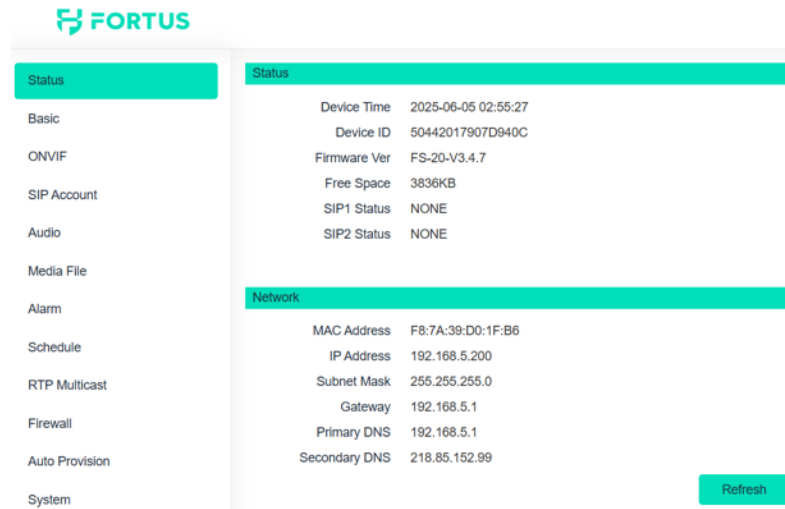
- (1) [IP SEARCH TOOL DOWNLOAD](#)
- (2) Open IPTool, scan Local area network devices.
- (3) Start your setting.

Option 2: Complete Web Setting

- (1) Change the IP of computer to 192.168.5.X network segment.
- (2) Open a browser and type in <http://192.168.5.200>
- (3) Enter the username and password needs to be set in first time in login page.

Default user: admin

(4) Start your setting.



The screenshot shows the FORTUS web interface. On the left is a sidebar menu with options: Status, Basic, ONVIF, SIP Account, Audio, Media File, Alarm, Schedule, RTP Multicast, Firewall, Auto Provision, and System. The 'Status' tab is selected, displaying a table of device information:

Status	
Device Time	2025-06-05 02:55:27
Device ID	50442017907D940C
Firmware Ver	FS-20-V3.4.7
Free Space	3836KB
SIP1 Status	NONE
SIP2 Status	NONE

Below this is the 'Network' section with another table:

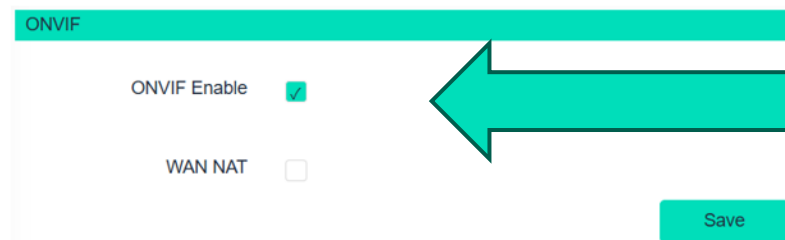
Network	
MAC Address	F8:7A:39:D0:1F:B6
IP Address	192.168.5.200
Subnet Mask	255.255.255.0
Gateway	192.168.5.1
Primary DNS	192.168.5.1
Secondary DNS	218.85.152.99

A 'Refresh' button is located at the bottom right of the Network section.

Adding IP Speaker to VMS

(1) Make sure the VMS supports ONVIF Profile S Audio Backchannel.

(2) Open IP Speaker web, login ONVIF and save.



The screenshot shows the 'ONVIF' settings page. It has a header bar labeled 'ONVIF'. Below it, there are two settings:

- 'ONVIF Enable' with a checked checkbox.
- 'WAN NAT' with an unchecked checkbox.

A 'Save' button is located at the bottom right. A large red arrow points from the 'IMPORTANT NOTE' section to the 'ONVIF Enable' checkbox.

(3) Open VMS, scan the IP Speaker and press the MIC icon to “Talk” to speaker.

(Note: For the built-in MIC speaker, it supports listen and intercom in ONVIF VMS from speaker Mic)

End of document

IMPORTANT NOTE:

To make the speaker work with Camect (RESURE ARC) and other VMS platforms, you need to enable ONVIF here.

Web User Interface: 192.168.5.200



Status

Basic

ONVIF

SIP Account

Audio

Media File

Alarm

Schedule

RTP Multicast

Firewall

Auto Provision

System

Date/Time

Device Time

2025-05-28 10:01:57

Update Mode

NTP

TimeZone

GMT+00:00

NTP Server

pool.ntp.org

NTP Interval

10

Minutes

Save

Network

☐ DHCP

☒ Static IP Address

IP Address

192.168.29.253

Subnet Mask

255.255.248.0

Gateway

192.168.24.1

Primary DNS

1.1.1.1

Secondary DNS

8.8.8.8

Save

Network Advanced (*Take effect after device is restarted!)

Http/Https

Http&Https

Http Port

80

(80, 1025~65534)

Https Port

443

(443, 1025~65534)

RTSP Port

554

(554, 1025~65534)

VLAN Enable

☐

Save

Web User Interface:

Default Username is: admin

Default Password: None, set by Installer on first time activation

Default Ip Address: 192.168.5.200

Set Password

Username

admin

New Password

.....

Confirm Password

.....|

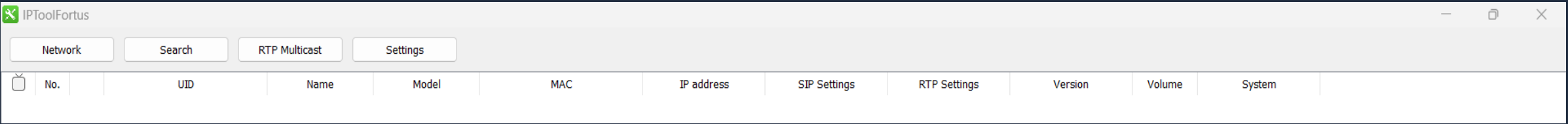
Password must be at least 8 characters.

Save

Cancel

This is the IP Speaker Search tool:

[IP SEARCH TOOL DOWNLOAD](#)



The IP Speaker Search tool allows searching for Fortus IP speakers on the network.

You can reset the IP Speakers password using this tool.

Comparison Fortus IP Speaker vs Toa IP Speaker

Feature	FORTUS IP SPEAKER	TOA IP-A1SC15
Max Output Power	15W	15W (PoE+), 8W (PoE)
Max SPL (Sound Pressure Level)	113 dB	124 dB (PoE+), 121 dB (PoE)
Frequency Response	300 Hz – 8 kHz	280 Hz – 12.5 kHz
Audio Codecs	OPUS, MP3, G.722, G.711 (PCMU/PCMA)	OPUS, G.711u/a, G.722
Network Protocols	SIP, ONVIF, HTTP, RTP, RTSP, TCP/UDP, FTP, NTP, etc.	SIP, HTTP, RTP, RTSP, TCP/UDP, NTP, IGMPv3, etc.
Power Supply	PoE or 12V DC	PoE (IEEE802.3af) or PoE+ (IEEE802.3at)
Ingress Protection	IP67	IP66
Material	ABS	Not specified (rugged outdoor enclosure)
Installation	Wall-mounted	Wall-mounted
Dimensions (mm)	225 × 165 × 240mm	222 x 221 x 276
Weight	1.3–1.4 kg	1.4 kg
Special Features	- Pre-recorded messages - HTTP API - SIP & ONVIF - OPUS 48kHz - Multicast	- 20 multicast ports - Internal audio file storage (80MB) - Priority settings
Warranty	2 years	2 years
Web Browser Access	Supported	Supported
IP Speaker Search Tool	Supported	Supported
Supported Platforms:		
Camect Via Onvif Protocol Support:	Supported	Supported
Camect Group Broadcasting	Supported	Supported
Hikvision NVR	NO	NO
Hik-Central	NO	NO