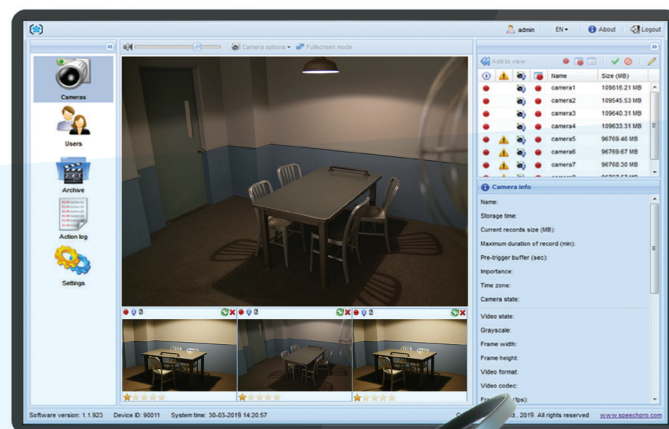# AVIDIUS BOX

Interview/Interrogation Room Audio/Video Recording Equipment

—

Applicable Scope

AVIDIUS BOX product line of audio/video recorders is a robust, easy-to-use, and cost-effective solution designed for interview/interrogation room audio/video recording. Audio/video recording can be performed simultaneously from 2, 4, 8 or 16 audio/video sources.

AVIDIUS BOX recorders can be installed either as standalone ones or as components of distributed systems when audio and video data recorded by several recorders are transferred to the central system.

**STC-H655.8
8-channel
Audio/Video Recorder**

**STC-H755.2A
2-channel
Audio/Video Recorder**

—

Key Features

- Audio/video recording to the internal/external hard drive or to microSD memory cards (depending on the configuration)
- Available in rack-mount and standalone configurations
- Power supply for cameras and microphones
- Metadata recording, including date, time, channel name, etc.
- High quality audio recording with support of electret and dynamic microphones
- Recording can be activated by user command, sound/movement detection, through API or by built-in scheduler
- Loop recording in case of hard drive overflow
- Frame-accurate compression mode
- Password-protected access and user rights administration
- Channel-independent settings of audio and video recording
- Multi-user web-based interface, user activity monitoring and logging

- Customizable video streaming
- Settings adjustment and access to stored mediadata via web-interface or network utility
- All channels simultaneous monitoring through web-interface
- Recorded data export to .avi and .wav formats
- Manual data export via web-interface
- Batch data export through network utility
- PoE/PoE+/Ultra PoE power supply support
- Tamper-proof watermarking to check authenticity and integrity of recordings
- NTP time synchronization
- Recordings can be uploaded to a computer/stored on standard media including USB flash drives and CD/DVDs
- Remote firmware update over the network
- Software API for control, streaming and data export

STC-H655.4
4-channel
Audio/Video Recorder

STC-H655.16Rack
16-channel
Audio/Video Recorder

Specifications

General Parameters	Value or Description
Number of audio channels	2/4/8/16
Number of video channels	2/4/8/16
Memory card (STC-H755.2A 2-channel recorder)	2x microSD, from 32 GB to 256 GB
External HDD storage capacity (STC-755.2A 2-channel recorder)	Up to 8 TB
Internal HDD storage capacity (4/8 channels)	1 TB
Internal HDD storage capacity (16 channels)	2 TB
Data transfer rate through Ethernet	Up to 10/100/1000 Mbit/s (depending on the configuration)
Media data access	API or web-based interface

Video Recording Parameters	
Video source	Analogue colour or black-and-white camera
Frame resolution	Up to 720x576
Frame rate	1 to 25 (adjustable) fps
Compression methods	MJPEG, H.264
Camera supply voltage	5 V, 12 V

Audio Recording Parameters	
Audio source	Electret or dynamic microphone with preamplifier
Sample rate	8 kHz; 11,025 kHz; 16 kHz; 22,05 kHz; 44,1 kHz
Compression method	PCM16, A-law, μ-law
Signal/noise ratio	Not less than 80 dB
Microphone supply voltage	5 V, 12 V, 60 V

Electrical Parameters		
	Power Supply	Power Consumption (without cameras and microphones)
STC-H755.2A	12 V or PoE	Up to 15,4 W
STC-H655.4	12 V or PoE+	Up to 26 W
STC-H655.8	12 V or Ultra PoE	Up to 36 W
STC-H655.8Rack/STC-H655.16Rack	100-240 V	Up to 70 W

Mechanical Parameters		
	L x W x H (tolerance ± 1 mm)	Weight
STC-H755.2A	160 x 97 x 16 mm	390 g (including 2x microSD memory cards)
STC-H655.4	180 x 135 x 55 mm	1 004 g
STC-H655.8	180 x 135 x 85 mm	1 448 g
STC-H655.8Rack	482 x 194 x 90 mm	4 900 g
STC-H655.16Rack	482 x 194 x 90 mm	5 500 g
Housing material	Metal	

4 Krasutskogo St.
St. Petersburg
196084, Russia
Tel.: +7 812 325 8848
Fax: +7 812 327 9297
E-mail: stc-int@speechpro.com

Images in this document are for example purposes only and may differ from the actual product.
Full product specifications are available on request.
Speech Technology Center Limited reserves the right to modify product characteristics and/or withdraw any product without prior notice.

Speech
Technology
Center