

# Talk-A-Phone Co.

## Voice-over-IP Interface Systems models VOIP-1, VOIP-2, VOIP-4 and VOIP-8

Architectural & Engineering Specification rev. 7/20/09

### 1 General Description

1.1 The Emergency Phone communication system shall consist of VOIP Voice-over-IP Interface(s), models VOIP-1, VOIP-2, VOIP-4, and/or VOIP-8, no substitutions, and shall allow Talk-A-Phone line-powered Emergency Phones to communicate over an IP Ethernet data network.

### 2 Construction

2.1 The unit shall measure and weigh: VOIP-1: 4.3" L x 4.5" W x 1.0" H and 2 lbs. VOIP-2: 6.2" L x 9.0" W x 1.4" H and 3 lbs. VOIP-4 and VOIP-8: 17.4" L x 8.0" W x 3.8" H and 8.4 lbs

### 3 Features

3.1 Unit shall be programmable to operate as a field unit or head-end unit.

3.2 Up to 200 Emergency Phones shall be capable of communicating to a single Base Station.

3.3 Unit, when configured as base station, shall accommodate up to 1,2,4 or 8 (VOIP-1, VOIP-2, VOIP-4, VOIP-8, respectively) analog telephone lines.

3.4 Unit, when configured as a field unit, shall provide line voltage to Talk-A-Phone Co. Emergency Phone.

3.5 Units shall have an operating temperature range of -20°C to + 60°C, 5% to 95% humidity.

3.6 Unit shall connect to data network via 10/100BaseT Ethernet.

3.7 Unit shall be programmable to operate on SIP or H.323 protocols.

### 4 Electrical

4.1 The unit shall accept an input of 115VAC at 60 Hz.

4.2 Unit shall consume a maximum of 4.5W (VOIP-1), 19W (VOIP-2), or 46W (VOIP-4 and VOIP-8).

### 5 Mounting

5.1 Unit shall be free-standing and stackable (VOIP-1, VOIP-2, VOIP-4, and VOIP-8). Models VOIP-4 and VOIP-8 shall also be rack-mountable in standard 19" EIA rack.

## 6 Warranty

6.1 Equipment shall be warrantied against any defects in material and workmanship, under normal use, for a period of one year from date of installation. In the event system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.

## 7 Manufacturer

7.1 The Manufacturer shall be Talk-A-Phone Co. (773) 539-1100, 7530 N. Natchez Ave, Niles, Illinois 60714-3804, [www.talkaphone.com](http://www.talkaphone.com). THERE ARE NO EQUIVALENTS.