

Talk-A-Phone Co.

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

Architectural & Engineering Specification rev. 6/25/04

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, 5013 N. Kedzie, Chicago, Illinois 60625, www.talkaphone.com. THERE ARE NO EQUIVALENTS.