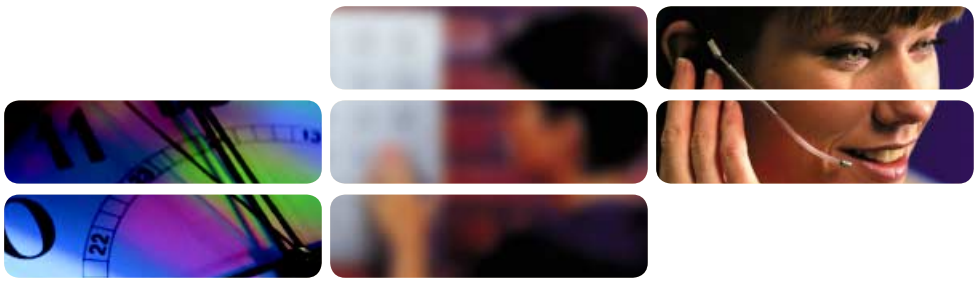

Product Data

# Communicall Vision

## The advanced communication system for housing schemes


All the reassurance you need

Tunstall

# Communicall Vision

## The advanced communication system for housing schemes

## Main features

- Hands-free voice switching with high quality two-way speech
- Two speech paths eliminate call queueing
- Optional built-in broadcast speech facility
- Greater freedom and flexibility for scheme managers
- Audible and visual confirmation of alarm call raised

## What is Communicall Vision?

Communicall Vision is the new generation communications system for grouped housing developments from Tunstall. Based on the highly successful Piper Communicall, it enables residents to contact care staff whenever help, information or reassurance is required. Whilst Communicall Vision retains the key features of Piper Communicall, it has been further developed and significantly improved. Communicall Vision incorporates a range of advanced new features, many of which are the result of research and direct feedback from our customers.

The main components of the system are the resident's speech module and the warden's handset. Fitted as standard with a pull cord and integral call button, the speech module is the main communication unit for individual homes and communal areas. It incorporates a sensitive microphone and powerful speaker to permit two-way speech between the resident and the warden or monitoring centre. In addition to its alarm function, Communicall Vision helps meet the challenge of home care management by monitoring service provision through PNC3 Vision.

## Options

- Speech module buttons configured to individual needs e.g. door entry, privacy etc
- May be linked to a wide range of ancillary alarm and monitoring devices
- Can be linked to a control centre
- Can monitor service care provision
- Integral door entry facilities
- Remote door control built-in

## Improved reliability

In our drive for continuous improvement in the performance and reliability of our systems, Communicall Vision incorporates a number of other significant enhancements. Improved components provide increased fault tolerance and even greater reliability. We have also even further improved cable system specification.

## Hands-free voice switching (HVS)

Communicall Vision eliminates the time-delay which can often result in 'voice-clipping' and words or even ends of sentences being lost during two-way conversations. HVS uses high quality hands-free circuitry to allow faster voice switching. This creates a smoother and more natural means of communication and has a quality comparable with a hands-free mobile system.

## Improved styling

A new-look speech module with a softer contoured profile is aesthetically attractive and more in keeping with today's lifestyle.

## Two speech paths

Existing products only allowed a warden to speak with one resident at a time. Other callers were placed into a queueing system and required to wait for the warden to answer. Communicall Vision, however, includes two speech paths, effectively eliminating call queueing. The system also allows a resident to respond to door entry calls even if the warden is speaking to another resident.

## Broadcast speech

General information or messages that need to be conveyed to all residents can now be broadcast from the warden's handset, or from a control centre if the warden is not present. Previously, such information had to be broadcast from an amplifier and desktop microphone.

## System compatibility

Communicall Vision is fully compatible with Piper Communicall, Piper Haven and Piper Group. This means there is no need to rewire an installation currently using any of these systems*.

*subject to wiring passing necessary IEE tests.

# Technical Information

## System capacity

| | |
|---|---|
| Speech modules | 204 (standard) 469 (expanded) |
| Door panels | 8 |
| Central receivers | 32 |
| Master units | Expandable to 64 |
| Base stations | 16 |

## System power supply

| | |
|---|---|
| Control unit mains | 220/240V ac 50Hz |
| Cable voltage | 40V dc |
| Batteries | 5x 12V 2.6AH. Battery stand-by 8 hours (fixed terminal). Optional back-up to cordless handsets |

## Warden's handset

| | |
|---|---|
| Dimensions | 50 x 145 x 23mm (W x H x D) |
| Weight | 140g |
| Batteries | 1 nickel metal hydride rechargeable battery pack providing 10 hours continuous talk time/90 hours continuous stand-by time |
| Environment | Operating temperature +5ºC to +45ºC |
| Digital speech coding type | Adaptive differential pulse code modulation (ADPCM – 32 kbit/s) GAP compatible |
| Frequency band | 1880–1900 MHz |
| Total channel capacity | 120 |
| RF output power | 250 mW max |

## Warden's handset charger

(Charges DECT handset including batteries and spare battery pack)

| | |
|---|---|
| Dimensions | 65 x 60 x 90 mm (W x H x D) |
| Power supply | Mains adaptor providing 9V dc with 300mA capacity |
| Fast charge | 2 hours boost + 2 hours normal to 100% capacity from fully discharged |
| Normal charge | 8 hours to full charge |

## Plug-in programming terminal

| | |
|---|---|
| Dimensions | 74 x 126 x 23mm (W x H x D) |
| Weight | 170g |
| Environment | Operating temperature 0°C to +35°C Ambient relative humidity 0-80% non-condensing |

## Speech module

| | |
|---|---|
| Dimensions | 110 x 175 x 55mm (W x H x D) |
| Weight | 310g |

## Door panel

| | |
|---|---|
| Weight | 3.09kg |
| Dimensions | 236 x 366 x 40mm (W x H x D) |

## Warden call panel

| | |
|---|---|
| Weight | 1.80kg |
| Dimensions | 140 x 25 x 282mm (W x H x D) |

## Piper Amie

| | |
|---|---|
| Carrier frequency | 173.225MHz |
| Modulation | Direct FSK of carrier Effective Radiant Power (ERP) 100$\mu$W with neck cord aerial |
| Water resistant | Sealed unit (see Piper Amie product data leaflet for full specification) |

## Central receiver antenna

Co-linear dipole

## Standards

| | |
|---|---|
| British | EN60950, BS6801, BS7369 |
| Radio triggers | MPT 1344 Licence Exempt |
| | LVD & EMC Compliant |

FM12477

Tunstall Telecom Limited,
Whitley Lodge, Whitley Bridge,
Yorkshire, DN14 0HR.
Telephone 01977-661234
Facsimile: 01977-662450
Email:sales@tunstall.co.uk
A member of the Tunstall Group Ltd.

www.tunstallgroup.com

Our policy of continual development means that product specification and appearance may change without notice.



All the reassurance you need

Tunstall