

Rugged Touch Screen Kiosk Information Point



- One or two way video option
- Touch screen units with optional call button
- Internal induction loop included
- Can activate external CCTV to give control room multi-angle view
- Ability to be remotely updated
- Can store information locally
- Flexible solution that can integrate easily into existing infrastructure
- Soft keys available to make on screen calls
- Available with Analogue or SIP push to call buttons
- Available with handset for calls
- Bespoke housing and screen software to suit customers' environment and to comply with DDA requirements
- Rugged, vandal and weather resistant
- Hardware NETWORK RAIL approved for WebCIS applications

Vision Help Points are built for weather and vandal resistance, with a toughened screen and casing to survive in the most arduous areas.

A transfective screen allows viewing in strong daylight, whilst the embedded computer allows the unit to reboot itself (e.g. after a power cut) without intervention from a control centre or a physical visit to the unit.

Vision kiosks are ideal for public access areas such as train stations, bus stops, waterways, town centres and outside buildings.

GAI-Tronics works closely with customers to ensure that Vision delivers the right solution. The pictures show GAI-Tronics' flexible design approach.

Audio Capability

Vision has the option of an integrated audio help point which can be accessed via soft keys or a push to call button.



GAI-Tronics TouchScreen

Vision

Rugged Touch Screen Kiosk Information Point

TECHNICAL SPECIFICATIONS

Embedded Computer

- Processor: Intel® Dual Core 2.2GHz
- RAM: 1Gb
- HDD: 80Gb (automotive grade)
- Operating system: Microsoft XP™ Embedded

Touchscreen

- 17in TFT as standard
- Transreflective technology - daylight viewable
- Projected capacitive touchscreen
- Impact resistant to IK10 (20J)

Construction

Vision employs a two-part construction to give ultimate ruggedness and reliability, without compromising styling and external aesthetics.

The interior steel "pod" is environmentally sealed in its own right and incorporates all the major components including processor, screen, microphone and speakers.

The outer shell, usually aluminium, provides exterior styling to match the intended environment without the need to be waterproof.

Environmental Conditions

- Operating temperature: -15 to +55 °C
- Relative humidity: 95% (max.), non-condensing
- Ingress protection of all electronics to EN60529 IP65

Weight

Approximately 25kg for wall mounted version

Approximately 50kg for freestanding version
(dependant on options)

Dimensions (approx.)

W400 x H520 x D170mm (wall mounted version shown)

W460 x H1950 x D170mm, base W1000 x D700mm (freestanding version shown)

Network Connectivity

- 10/100baseT Ethernet via sealed connector
- Built-in 3 port Ethernet switch
- Optional integral ADSL modem

Voice Communication Options

- Integral microphone and speakers for handsfree communication
- Handset option available
- Integral VoIP softphone (software option)
- Optional discrete VoIP phone module based on GAI-Tronics SIP product line
- Optional analogue telephone module based on GAI-Tronics SMART telephone
- Large tactile pushbuttons or touchscreen-operated.
- Range of fallback options for resilience - should power or part of the network fail, Vision can be configured to fall back to a direct peer-to-peer call or an analogue telephone call. (Analogue telephone does not require external power)

Power

230Vac, 350W

Installation Options

- Wall surface-mount as standard. Wall-mountable outer shells are designed to fit flush to the wall, with anti-tamper features to deter attempts to lever it off.
- Flush mount (behind panel) as standard using configurable mountings
- Pole mount (contact GAI-Tronics for custom pole design)
- Floor mount in custom pedestal

Facilities for the Disabled

- Large, palm-operable buttons,
- Visual display aids hearing impaired.
- Integral induction loop
- Braille option
- Optional Contoured buttons

Standards Compliance

- CE marked
- Low Voltage directive 2006/95/EC
- EMC directive 2004/108/EC
- R&TTE directive 1999/5/EC
- Safety to EN60950
- EMC Emissions to EN55022
- EMC Immunity to EN55024
- Railway EMC to EN50121-4
- RoHS compliant

Options

- **Handset**
Although designed primarily for handsfree communication (for vandal-resistance), Vision can be fitted with a rugged handset if required. The handset has an armoured steel cord, a cradle/hookswitch with no moving parts, and can be mounted on the enclosure or remotely.
- **Integrated camera**
Wide-angle lens to transmit images of the caller and local area over the network via IP. Operates from bright sunlight to twilight. Allows 2-way video communication.
- **Software**
Vision as standard is supplied as hardware only for integration with customer software. GAI-Tronics can also provide software if required - contact us for details.
- **Exterior styling / custom housing**
Standard housing styles are shown overleaf. Custom designs can also be developed. Contact GAI-Tronics for details.
- **Additional peripherals**
Vision's rugged, environmentally protected enclosure can provide a convenient housing for other devices without the need for costly additional cabinets. Some examples of recent requests include fibre media convertors, WiFi access points, PoE LAN switches etc. Contact GAI-Tronics for details.
- **Additional dry contacts**
Up to 2 external contacts can be provided to trigger external equipment, for example CCTV or voice recording.

