This is Telidon

Hardware Suppliers

MICROTEL

AEL Microtel Limited

INTRODUCTION

Microtel is a major designer, manufacturer and marketer of Videotex products to telephone companies, information services, government, educational institutions, systems operators and closed user groups, and the major newspaper chains. The company has demonstrated a high level of reliability throughout its long-term involvement in world-wide telecommunications. Microtel is capable of providing a comprehensive source of assistance for planning any scale of Videotex system.

PRODUCTS AND SERVICES

Current offering consists of a family of Videotex products. The VTX 202 is a fully integrated terminal which consists of a decoder and colour monitor within a desktop cabinet. The terminal interprets Telidon picture description instructions to display graphic and alphanumeric information fully in accordance with the North American Presentation Level Protocol Standard. Some of the features offered by Microtel's terminal within this standard include 16 colours from a palette of 4,096 shades, infinitely variable character sizes, and dynamically redefinable character sets. The basic terminal interfaces with the data base over a standard EIA RS-232-C connection for high speed transmission and reception of data. The terminal can be equipped with either a full keyboard or an alphanumeric keypad. The standard package includes self-diagnostic test capabilities. Optional equipment includes an internal modem with either a manual dialer or an automatic dialer, and a video printer port to enable production of hard copy of any terminal display on the user's own printer.

The VTX 208 offers all the features provided by the VTX 202 terminal, plus the ability to operate as a standard computer terminal displaying text information in an 80 x 24 character format. The VTX 208 also contains additional firmware intelligence to allow it to emulate the VT 52 protocol with the additional feature of multicoloured text. Other terminal protocols will be supported.

The VTX 101 display controller is a stand-alone Telidon decoder designed to drive an RGB colour monitor. This unit also fully interprets the North American PLP Standard.

The Microtel display monitor is designed for use in the Videotex industry but can be used as a display unit for perscnal computers. The monitor is housed within its own cabinet and accepts RGB and sync in accordance with RS170.

Microtel's Pedestrian Information Terminal also operates fully in accordance with PLPS and provides a free-standing terminal for use in public areas such as hotels, airports and bus stations, shopping malls, and entertainment parks. The vandal-proof Telidon terminals first attract attention by cycling pages of information about the location in which they are situated. This automatic continuous display can be changed at any time by the owner of the local system. The terminal is immediately responsive to a user and can provide direct connection to a data base via a dedicated line. A wide range of tourist information can be made freely available, in a user-friendly format, for access by any passer-by - without any need for experience in computer keyboard operation. The first pedestrian information terminal was installed by the Province of Ontario for use in the Teleguide System.

All Microtel terminals conform to the full North American Presentation Level Protocol (PLP) Standard. Versions of these terminals have been configured for European power characteristics and display rates. Electronic subassemblies are produced in the company's facilities in Brockville, Ontario, where many of the world's most sophisticated electronic telephone exchanges are manufactured. Telidon circuit boards are made to exactly the same high standards as all telecommunications equipment and therefore provide the best possible quality and reliability. At the same time, the company's high volume production methods keep costs down and enable Microtel to offer a very sophisticated product at a competitive price. The terminals are assembled and tested in Vancouver, B.C. by Viscount Industries Limited - a Microtel subsidiary.