TTW100
Text to Web

TTW100

● **Graphical as well as text display of teletext pages** ●
● **Automatic hyperlink conversion of page numbers** ●
● **Content of pages can be indexed by Internet search engines** ●
● **Direct view of all available pages** ●
● **Easy integration in other websites** ●
● **SNMP ● RF– and video input** ●

ITNM Systems TTW100
Text to Web

Introduction

The TTW100 is a system designed to convert teletext into web pages. The performance fits remarkably well to serve as a mirrored internet version of teletext services supplied by broadcast organisations, enabling worldwide availability of the information and using it as a real time monitoring system as well.

Product description

The TTW100 is based on an industrial server configured to perform as a television channel receiver. Besides an RF signal, composite video can be used as an input. A built-in web server handles the access to the service. An Ethernet interface is provided in order to connect to the Internet and to be able to manage the unit on distance.

The system operates stand-alone based on normal reception of a television signal. This means that no direct link is required with the teletext inserter or database server. Because the system is receiving the signal at the end of

the transmission chain, it can serve as a teletext monitoring system as well. A page is displayed on the web exactly how it looks like on TV. Graphical elements around the teletext pages can be adapted to user defined preferences.

Example

The picture below shows an example of the implementation of the TTW100 in a website environment.

The teletext pages can be displayed in a sub frame. The background can be adapted to the existing lay-out.

TTW100

ITNM Systems TTW100 Specifications

Capacity

- 1 antenna or video signal with teletext

Functionality

- Graphical as well as text display of level 1 pages*

- Page turn over function with automatic skip over missing ones

- Automatic hyperlink conversion of page numbers

- Direct view of all available pages

- Sub pages displayed sequentially or all at the same time

- Content of pages can be indexed by Internet search engines

- Easy integration in other websites by means of GET-commands

- Graphical elements around the teletext pages can be delivered according to preference of the user

*On condition that pages are complete with a fixed font. Blinking marks cannot be supported.

Options

- On the standard foundation, a second channel can be installed optionally

- On request, the TTW100 can process even more channels, based however on a different kind of server

User specific demands

TTW100 can be adapted to user specific demands.

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TTW100
Foundation

Construction

The foundation of the TTW100 is a Supermicro industrial server controlled by Linux operation system. The power supply and hard disk can be swapped from the outside. A watchdog circuit is monitoring the availability continuously. Communications for maintenance and SNMP can be done by means of common Ethernet. The foundation can optionally be equipped with redundant power supplies and ditto hard disks. Delivery based on a HP Proliant server is also an option.

Front and rear panel of the industrial server

Standard configuration

Industrial server
Watchdog circuit
Swappable power supply and hard disk
No keyboard or mouse needed to start up
Mains 230 V 50 Hz (other available on request)
Used power 150-250 W*
Colours beige and black

Dimensions (width x depth x height):
1 RU = 438 x 681 x 43 mm

Environmental conditions:
Temperature range storage 0 – 50 ˚C
Temperature range operating 10 – 35 ˚C
Humidity 8%-90% non-condensing

Safety and EMC:
CE compliant (EN 60950/IEC 60950)

Connections:
1 x RF input PAL B/G (other systems available on request)
1 x Video input (composite)
1 x Control/SNMP (10/100/1000Base-T)

Connection options:
2 x RF input PAL B/G (other systems available on request)
2 x Video input (composite)

* Dependent on the configuration.

ITNM Systems reserves the right to change the specifications of the configuration.

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TTW100
Management

Purpose

Besides powerful and advanced functionality and cost-effective design, durability of a media system is of course of vital importance. A service level agreement is the appropriated means for a user defined improved or continuous availability.

Service level agreement

A service level agreement covers preventive as well as corrective maintenance of the whole system as well as possible bugs in the applications. The standard rate is 7 % of the installed base per year. The standard coverage in the Netherlands implies a maximum response time of one hour during seven days a week between 9 o'clock in the morning and 11 o'clock in the evening. The response time at the location is four hours maximum. Spare material can be included on customer's demand as part of the delivery.

Contact

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