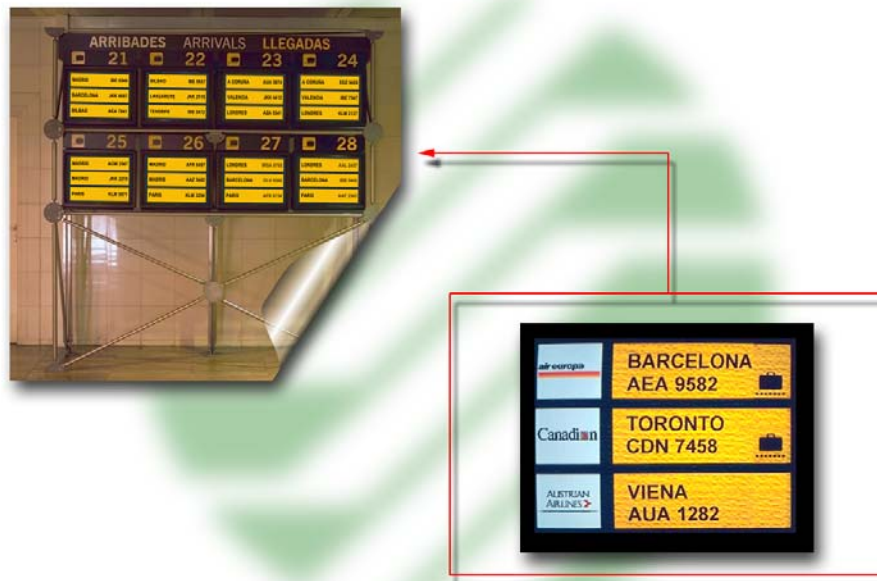


INTELLIGENT DIGITAL MONITOR 28", VGA, 4:3



Digital CRTs have a great image quality both in graphics and in texts, what allows presenting the information in a comfortable and adequate manner.

The proposed CRTs have a flat screen (no lens effect reflections) square corners and INVAR masks with antiglare and antistatic surface.

These CRTs have a digital control board that allows to give superb image quality with perfect geometry (24 adjust controls), to manage the several parameters of the CRT.

TECHNICAL SPECIFICATIONS

- Horizontal Frequency: Automatic synchronisation between 30Hz and 64KHz
- Vertical Frequency: Automatic synchronisation between 47Hz and 120Hz
- OSD (On-Screen Display)
- IR Remote control with code protection
- Watchdog and EEPROM for configuration storage
- Horizontal and Vertical dynamic focussing
- Automatic resolution adjustment
- Resolution: 640 x 480, 800 x 600, non interlaced (VGA y SVGA)
- Main Power Voltage: 110/220 VAC \pm 20%
- Main Power Frequency: 50 a 60 Hz.
- Power Consumption: 130 W.
- Stand by: < 15 W

CRT

- Size: 28", 4:3 aspect ratio
- Pitch: 0.6 a 0.8 mm
- Deflexión angle: 110°
- Black matrix + INVAR. Mask, High brightness
- Flat screen with square corners
- Automatic and manual degaussing
- Bandwidth: Guns: 35 MHz, Preamp. 75MHz
- VGA

INTELLIGENT DIGITAL MONITOR 29", VGA, 4:3

GENERAL CHARACTERISTICS

- Working Temperature: -10 C a +55 C
- Relative Humidity: up to 99%, non condensation
- X-Ray radiation: always bellow 1ΦSr/h
- Geometry: Tuning of geometry, brightness, contrast by resolution, perfect geometry
- No potentiometers for adjusting, all of them through IR remote control
- Automatic, remote or timed degaussing
- Glass fiber PCBs increase the life of the monitor by improving the resistance to dust, humidity and high temperatures.
- Metal chassis to form a perfectly compact and assembled unit.
- Controls via IR interface:
 - ⇒ Brightness
 - ⇒ Contrast
 - ⇒ Power On/OFF
 - ⇒ Vertical centering
 - ⇒ Vertical size
 - ⇒ Horizontal centering
 - ⇒ Horizontal size
 - ⇒ Stand-by
 - ⇒ Switch and power line in the back
- Input/Output
 - ⇒ Power Line
 - ⇒ Data Line (RJ45)
 - ⇒ RS-232 interface

CONTROLLER

- Processor: 32bits
- 128MB RAM memory
- IDE Hard Disk controller
- Ethernet 10/100 controller board with RJ45 connector
- Graphic controller with 2Mb video RAM and, at least, the following resolutions: 640x480, 800x600, 816x608 (4:3), 910x285 (CGA) and 1056x591 (16:9)
- 1 RS232 serial interface
- Supervision board with watch dog and self-restarting capability
- Remote startup, as a way of recovering the controller even when the local storage fails
- Every element is made to operate 24h, 365H per year