

Audio Processing  
RDS Encoding  
Radio All in One  
Mobile Metering  
Test & Measurement



## IP2CHOICE

### OVERVIEW

The Audemat IP2CHOICE is a modular system for management and monitoring of remote equipment. It can be configured to connect with any equipment at a remote site through serial ports, status or metering inputs, commands (relays) or IP. All units linked to the IP2CHOICE can then be monitored and controlled locally and remotely via a variety of communications modes (ADSL, LAN, GSM, PSTN...).



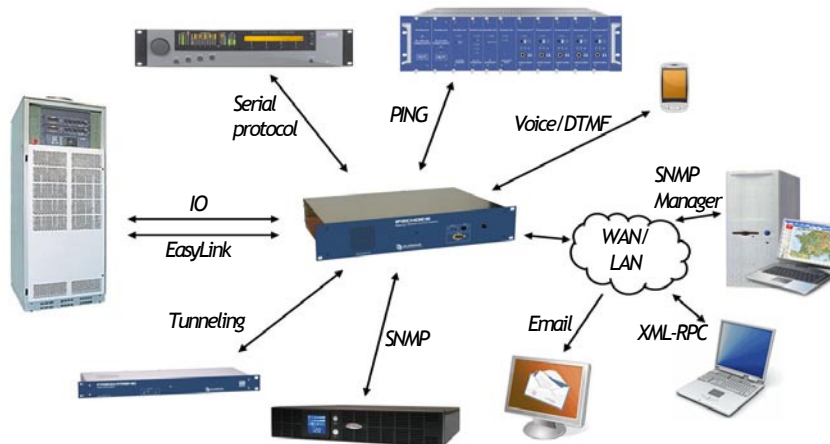
### FEATURES

- Control and monitoring of any equipment at a remote site
- Connect to the external unit through digital/analog/audio inputs, relays, serial ports or through IP (SNMP, PING)
- Remote communication through LAN/WAN, 3G, GSM, CDMA, PSTN...
- Number and type of GPIOs configurable to meet the demands of the site
- Notifications via Email, SNMP and optional Voice/DTMF Interface
- ScriptEasy software for automatic actions and remote control
- MasterView software for end-user views of data and control

### BENEFITS

- Solution for all budgets thanks to modular configuration
- Compatible with all communication types
- Operates with standard protocols
- Easily manage and communicate with serial equipment using SCRIPTEASY EasyLink or tunneling
- Communicate and control external equipment using SNMP protocols
- Fully compatible with Audemat's Broadcast Manager (database, statistics, filters, notification forwarding ...)

### OVERVIEW OF THE IP2CHOICE FACILITY MANAGEMENT CAPABILITIES



### APPLICATIONS

#### Connection with external equipment for data access

- via inputs / outputs (relays, audio inputs, analog or digital inputs):
  - » Status, metering data, commands and automatic actions
- via RS-232 ports:
  - » IP Tunneling for remote access to the terminal interface of external equipment
  - » SCRIPTEASY EasyLink: integration of specific serial protocols for automatic monitoring
- via Ethernet ports:
  - » Management of external equipment via SNMP

#### Information management

- Continuous monitoring and logging of status, values or levels
- Triggering of automatic actions on out of tolerance conditions or on set schedules
- Notifications on occurrence of specific conditions

#### Transmitter management

- Automatic detection and monitoring of backup transmitters
- Double drive management
  - » By using inputs / outputs and a script from ScriptEasy to trigger automatic or manual actions

# IP2CHOICE

## Easy setup and user friendly configuration

- Embedded web server
- Access from anywhere
- Set up automatic actions with an easy graphic user interface
- View all the readings and controls with the remote MasterView application
- Easily change and copy remote control programming

## SCRIPTEASY



Script creation with the Designer module

ScriptEasy is a powerful graphical software application that makes it easy and intuitive to configure and control the most complex and challenging of installations. The flowthrough design and simple user interface, combined with powerful tools like the Scheduler and Advanced Programming Interface, mean that facility control devices operating with

ScriptEasy have the power to control and communicate with a large number of remote control units, while remaining accessible and simple to put in place and use.

## MASTERVIEW

With MasterView you can control and display the data in multiple custom views.

Each view can contain as much information from the remote site as desired. MasterView comes in two parts: the View Designer, which is integrated into ScriptEasy and the Viewer, a standalone application for end-users to access and display information from the remote equipment.



Control panel of a transmitter site

## SCRIPTEASY EasyLink

SCRIPTEASY EasyLink is a powerful new tool that makes it possible to link an IP2CHOICE with external equipment using one of the available serial ports to enable complete remote access to the equipment via IP. EasyLink is available as an option for Ecreso FM transmitters and the Harris Z Platinum series providing access to hundreds of parameters and readings. Other brands and models are available on request.

## BROADCAST MANAGER

Using the unique Broadcast MANAGER software from Audemat, IP2Choice can be integrated into a complete Radio (AM, FM, HD) and/or TV (analog, ATSC and DVB) monitoring solution for centralized management of data, configurations, communications and alarms.

## SNMP Management

Through a network connection using the SNMP protocol, an IP2Choice can monitor and control equipment in another room, building or even in a different country.

## TCP/IP Tunneling

Tunneling enables remote access through the IP2CHOICE to equipment that can only use local serial connections. It works by passing data from a specific IP port to a serial (RS-232) connection and sending the returning data from the RS-232 back to the originating IP address and port.



Rear panel: Example of configuration

## Modular hardware configuration with 12 available slots

Type of interface	Max number of boards	Number of I/O per board	Max number of I/O per unit
Metering (analog inputs)	5	8	40
Status (digital inputs)	8	16	128
Commands (relay outputs)	8	8	64
RS232 port	NA	3	3 + 4 x USB *
Audio (inputs)	1	2	2

\*With optional serial-USB port converters.

## TECHNICAL SPECIFICATIONS

Hardware description	
Dimension	19" x 2U x 220 mm (8.7")
Weight	~ 5.80 kg / 12 ¾ lbs
Operating temperature	0° to 45 °C
Operating humidity	< 70%
Humidity in storage	< 95%
Power supply	100-240 VAC Full range - 47-63 Hz
Power consumption	60 W

## ORDER INFORMATION

Standard version	
TF0J147	IP2 CHOICE with I/O
TF00243-A0	IP2 CHOICE with I/O and with Touch Screen display
TF00147	IP2 CHOICE with no I/O
Accessories	
A large variety of accessories and sensors available on request: modems (GSM, PSTN ...), connectors, RF probes, temperature sensor, voltage, current sensors, hygrometers...	

Ref: IP2CHOICE- Datasheet 05/2010  
Technical specifications are subject to change without prior notice

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