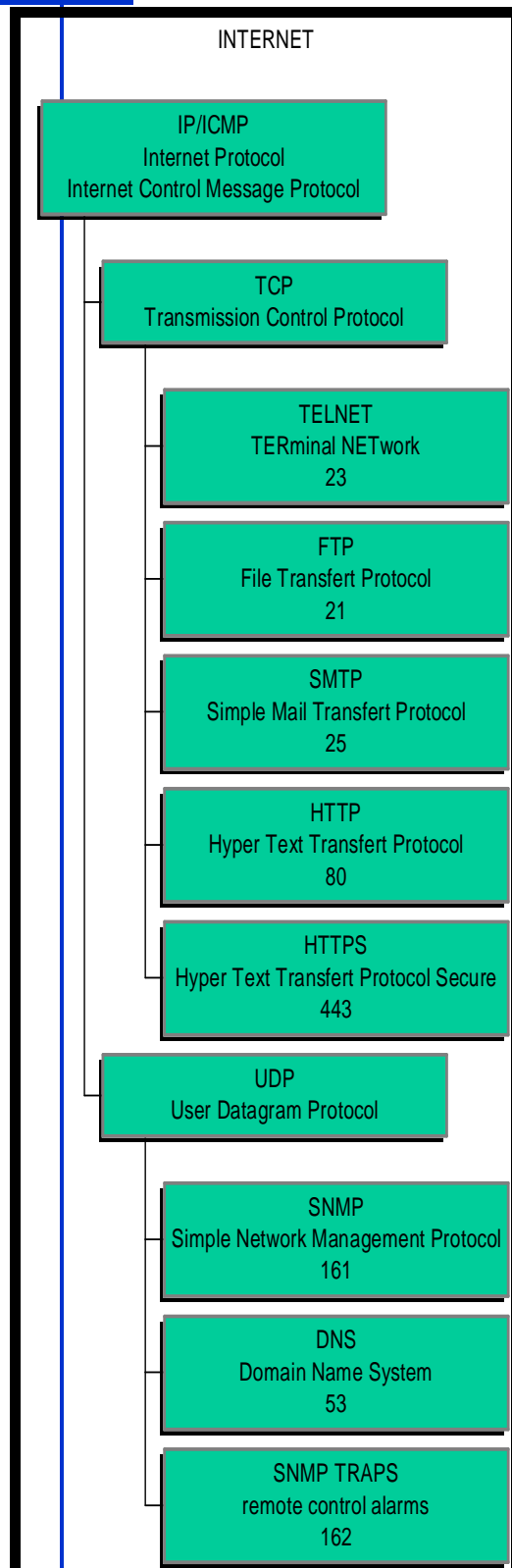


# Monitoring Remote Devices

HTTP & SNMP protocol optional SSL

Version 2004



To solve management needs concerning monitoring remote devices accepting serial connector, we have a powerful solution providing an IP access over Ethernet and a setup Web browser interface for all available capabilities in HTTP and SNMP protocols using SSL encapsulation. We developed a generic monitoring agent available for any kind of network elements for which remote control is a necessity. To recognize every part inside a network element, we build a MIB (Management Information Base) : each resources are described as an Object (OID), a specific value to answer a request from the manager. The more standard network protocol : HTTP over TCP using port 80 and SNMP over UDP over port 161.

We created more useful setting to offer a complete management :

- GET : (allowing SNMP manager to collect a value (GetRequest, GetNextRequest))
- SET : allowing SNMP manager to change a value (SetRequest)
- TRAP : allowing agent to send events to SNMP manager (trap-directed polling)
- Mail : fault management, sending information to one or more managers

## Technical informations :

1 100 Mbits Ethernet port and 1 10 Mbits Ethernet port  
 2 RS232 Serial ports 115200 bits  
 1 RS485/422 serial port supporting 1.8 Mbits  
 1 parallel port or general purpose port  
 1 USB 1.1 port for memory extension or disk for accounting management, web-cam, WIFI, Bluetooth2 ports Ethernets  
 one serial interface for local management  
 Auto-test boot and switch to local serial management  
 setup with HTTP and HTTPS interface  
 battery saving time and date

## Management informations :

HTTP and HTTPS based on HTML and CGI  
 SNMP Agent V1, V2, V3 compliant  
 major functionalities Get, Set, Getnext, Snmpwalk  
 SNMP traps and mail fault management  
 until 4 different mails address management  
 HTTP and HTTPS date management  
 HTTP and HTTPS admin password management  
 MIB II and proprietary MIB compliant  
 Public and private community  
 down-loadable proprietary MIB from HTTP and HTTPS  
 FTP remote upgrade and update

### Optical Stage configuration

Name	Value	Action
Time	16/Feb/2004 13:06:12	
Serial Number	9019999	
Embedded Software Version	D.4-V4.02	
Control Mode	1	<a href="#">Change Value</a>
Diode 1 Temp Set Point	25,00	
Diode 1 Current Set Point	400	<a href="#">Change Value</a>
Diode 1 Current Limit	64	
Diode 2 Temperature Set Point	19,30	
Diode 2 Actual Temperature	15,30	
Diode 2 Current Set Point	102	<a href="#">Change Value</a>
Diode 2 Current Limit	100	
Type Amplifier	15	
Automatic Shutdown Threshold	50	<a href="#">Change Value</a>
Output Power Set Point	26,5	<a href="#">Change Value</a>
Gain Set Point	23,0	<a href="#">Change Value</a>
Apc Diode1 Current	132	<a href="#">Change Value</a>
Alarms	2402	
Laser Diode 2 Temp away from setting	0x0002	
Laser Diode 2 Temp too low	0x0400	
Loss of Input Power	0x2000	



## EVOLUTION

- **Guarantee**  
**Hardware : 12 months**  
**Software : 6 months**  
**including Internet updates**  
**and phones support for**  
**current release**

**Support : +33 296 058 264**

# Maintenance

annually to provide upgrades and updates  
hot-line mail and Internet support  
available to analyze, diagnose and  
provide a correction or upgrade  
solution



20% rebates if this contract is signed before the end of current 6 months guarantee



**AIRTRIA**  
9 RUE BIENVENUE BP12  
22301 LANNION  
FRANCE

Phone : +33 296 058 272  
Fax : +33 296 058 270  
Mail : commercial@airtria.com