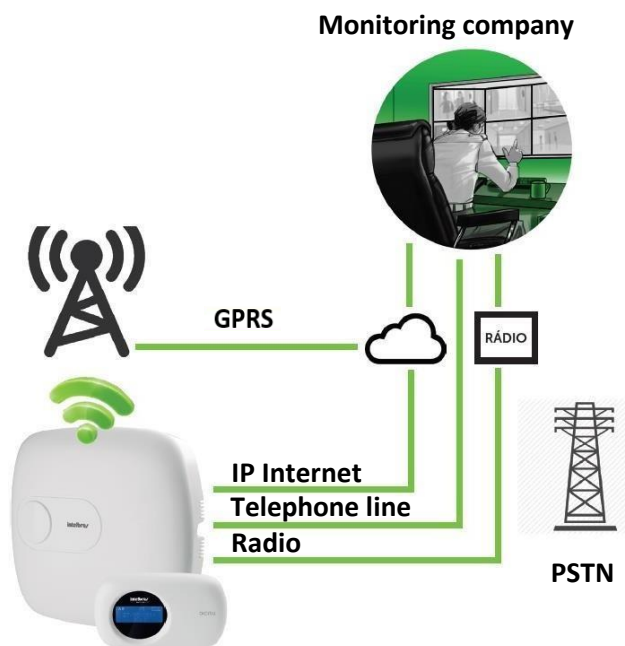## Monitored alarm panel

» Support for 2 cellphone SIM cards*

» Connection for up to 4 keyboards and 4 receivers, 4 PGM expanders and 6 Zone expanders.

» Remote programming via fax/modem card, Ethernet and USB

» 3 programmable PGM outputs

» Supports up to 128 wireless devices (FSK or OOK modulation)

The AMT 4010 SMART NET control panel has advanced technology, Smart function for sensors in FSK modulation and is easy to program. It can be connected to aperture, infrared, impact and other sensors. Reports events to 2 IP destinations (monitoring companies) and also the radio report option (DX-Net/Radioenge). It has a remote configuration option via TCP/IP, USB cable (remote configuration and central firmware update), telephone line and GPRS.

Communication with the monitoring company

Monitoring company

GPRS

RÁDIO

IP Internet
Telephone line
Radio

PSTN

Technical specifications

General

Supply voltage	Full Range Switching Power Supply 90 to 265 VAC (automatic)
Standby consumption (127 V)	2 Wh
Standby consumption (220V)	2 Wh
Consumption in operation (127 / 220 V)	It varies according to the consumption of the accessories connected to the AUXILIARY output and the SIREN output.
Operating Temperature	-10 to 50 °C, relative humidity up to 90%
Auxiliary output current / voltage	1,2 A / 14,5 VDC
Supervision against cut and short circuit in the siren	Yes, 2K2 Ω resistor required
Siren output current	1 A with sealed gel battery (7 A/h /12 V), 400 mA without battery
Battery charger	Smart charger
PGM number on the board	3, negative switching 50 mA / 12 VDC
Event buffer	256 events with date and time
Wireless device memory	128 devices, XAR 4000 SMART required
Number of devices on the BUS bus	4 keyboards and 4 XAR 4000 SMART receivers, 4 PGM expanders XEP 4004 and 6 Zone expanders XEZ 4108 SMART
BUS bus supervision and protection	Yes
Maximum distance between the control panel and the BUS devices	100 m, wire gauge 10 x 26 AWG
Weight	1068g
Dimension (W x H x D)	95 x 209 x 275 mm

Zones

Number of wired zones	Maximum 64 (with 4 keypads and 6 zone expanders)
Number of zones on the board	8 in duplicate mode
Number of zones per keypad	2
Resistor installation zones	3K9 Ω high zone, 2K2 Ω low zone, 2K2 Ω end-of-line resistor (included)
Maximum strength of zone cabling	100 Ω per zone
Number of wireless zones	48, XAR 4000 SMART required

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Technical specifications

Telephone Line Communication

Memory number for dialing	8 with 20 digits each(2 monitoirng company, 1 Download/upload, 5 personal)
Dialing mode	Anatel homologated DTMF
Telephone line cut detection	Yes, programming required
Communication protocol	Contact ID, programmable Contact ID
Proteção de entrada de linha telefônica	Protetor a Gás e PTC
Periodic testing	Programmable in hours or scheduled by time
Software for download and upload on windows platform	Yes, free (www.intelbras.com.br). Standard V.21 compatible modem required: US Robotcs, Motorola, Lucent and Age-re

Ethernet communication

Memory number for sending events via IP	2 destinations, fixed or dynamic
Base speed	100 Mbps
Base protocol	TCP/IP
Bandwidth consumption	< 1 KB per event
Periodic testing	Scheduled in minutes. 1 minute minimum

GSM communication (GPRS and SMS)

Module operating frequency	Frequency for GPRS: Quad band: 850/900/1800/1900 MHz
Number of SIM cards	2, module unlocked
Antenna gain	0 dBi
Number of destinations via GSM	2 IPs and 5 numbers or SMS
Periodic testing	Scheduled in minutes. 1 minute minimum

Product photos

XAT 4000 LCD Keyboard (Not included)

Weight	170g
Dimension (W x H x D)	160 x 100 x 28,66 mm