



A V A N T E

smartbox

CONTROLLER

*Automation and Monitoring Wireless Gateway
(without the need of an internet connection)*

The most flexible interactive wireless device on the market.

*Complete mobile interactive monitoring, alarm, energy management security and automation solutions.
Stay connected from anywhere in the world at anytime of the day or night!*

*The **smartbox** Controller comes with access to your own myavante.com portal
and the Avante **smartbox remote control software** allowing for remote control at anytime and
anywhere from your smartphone mobile device.*

The Avante **smartbox** controller is your gateway to complete interactive automation and monitoring. The controller can integrate into most existing security or automation systems, without the need to remove existing equipment. In addition, the **smartbox** controller can provide energy management interfaces to communicate with meter, HVAC equipment and existing thermostats.

The **smartbox** Controller is affordable and easy to use solution. Get the advantage of **smartbox** technology for only a few dollars a month. The fully scalable technology enables you to add security, automation and energy management modules for only a few extra dollars a month.

smartbox is a communication portal that multitasks and converts all data and electronic signals to a wireless format that communicates to your smartphone without the need of an internet connection. Always connected engineering requires only a power source and a SIM Card for plug and play installation.

The **smartbox** collects signals from your automated **smartbox** products and communicates via all existing cellular networks to you, your family or business associates, wherever they are. The flexibility of the **smartbox** provides endless solutions for all situations and applications.

View on your



BlackBerry Ready™



Your smartbox kit includes:

- The **smartbox** controller
- **smartbox remote control software**
- Your own **myavante.com** personal web portal

An Avante **smartbox** technology

SPECIFICATIONS:

PHYSICAL PROPERTIES

Weight: <300g
Size (L x W x H): 125mm x 105mm x 50mm

ONBOARD INTERFACES

RF connector: SMA female socket, 50W

Zone Configuration: 8 Zones
NC contact with 5.6k EOL resistor
or NO contact with 5.6k EOL resistor
or NC, NO without 5.6k EOL resistor

X10 interface: RJ11 socket, X10 protocol

Serial data port: TTL: 3.3V or 5V level
RS-232: Output range: $\pm 9V$
Input range: $\pm 15V$

System trouble port: 1 form C output, NC and NO

POWER

AC power: 16.5VAC (13.8V~24V), Min. 40VA
DC power: 13.8VDC, Min. 24W
Battery: 12V 4Ah min. rechargeable sealed
Transmit: <1.5A
Receive: <350ma
Standby: <300ma

RF PROPERTIES

Frequency band 850 , 900, 1800, 1900, Mhz
Transmit power: 2.0 W Max.
Receive sensitivity: -116dBm at .01BER
FCC Parts 15 and 90
Industry Canada RSS 119

ENVIRONMENTAL CONDITIONS

Operating temperature -30°C ~ +75°C
Storage temperature -40°C ~ +85°C



Avante smart Bundles:

smart Security
smart Energy
smart Automation
smart eye
smart Home Manager
smart Home Energy
smart Family Help
smart Flood Protector
smart Controller
smart Server Protection

Avante smart Products:

smart eye live software
smartboxx remote control software
smart meter In Home display
Wireless Relay
Always Connected
Alarm panel Connection
Power line Interface
smart security design & Installation

Wireless HVAC relay
Wireless Temperature Monitor
Valve Control
Direct connect Relay
Serial Interface Control
PLC Control
Network Security
smart eye IP Cameras