

SECURITY IS  
**ABSOLUTA**  
CONTROL PANEL

The power of evolution is with you.  
**Always.**





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**The ABSOLUTA Family**

	ABS16	ABS42	ABS104
Maximum number of wired zones	16	42	104
Maximum number of wireless zones	32	32	32
Total maximum number of combined (wired and wireless) zones	32	42	104
Number of user codes	31	63	127
Number of installer codes	2	2	2
Number of keypads	8	8	16
Number of key tags	64	128	250
Number of key/card readers	16	32	32
Number of input/output expanders	4 / 0	16 / 8	32 / 16
Number of power supply stations	0	4	4
Number of partitions	8	8	16
Maximum number of outputs	6	20	50
Timers	16	16	16
Vocal messages	206	206	206
Numbers phone book agenda	32	32	206

**ABSOLUTA Cabinets**

	ABS-M	ABS-P
Material	White painted metal	White ABS
Dimensions (WxHxD)	310x403x103 mm (without antenna)	319x352x9 mm (without antenna)
Max. battery housing	17 Ah	7 Ah
Weight	4.750 Kg (without battery)	1.950 Kg (without battery)
Compatible power supplies	BAQ35T12 BAQ60T12	BAQ15T12 BAQ35T12

**ABSOLUTA Power Supplies**

	BAQ15T12	BAQ35T12	BAQ60T12
Current max.	1,5 A	3 A	5 A
Voltage	13,8 V	13,8 V	13,8 V

**Security is ABSOLUTA.**

For more information contact your local distributor.

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SECURITY IS  
**ABSOLUTA**  
CONTROL PANEL

Building on a legacy to reach  
new heights of **Perfection.**



# More power to the Core.



**ABSOLUTA** is a testament to Bentel Security's commitment to perfection. Bentel Security continues to persevere -- using emerging technologies to meet ever-changing customer needs.

The ABSOLUTA platform is a perfect example of this evolution, drawing from the legacy of experience of the Bentel Security brand to attain a new level of perfection. Rooted in Italian quality and design, the ABSOLUTA exudes a passion for the finer details – those that make all the difference to today's demanding customer.

## Features that make a Difference. ▼

### Simple yet Powerful User Interfaces

- Up to 16 Touch screen keypads for user friendly operation
- Up to 32 Proximity readers for tags and keys (up to 250) for operating without having to remember PINs
- Up to 16 LCD Keypad for User and Installer operation

### Complete System Remote Control

- Voice menu for controlling the panel remotely
- "Talk and listen" remotely using the AS100 accessory
- SMS remote control: arm, disarm, activate outputs remotely using SMS\*
- User APP (IOS and Android) to remote control the panel \* \*\*

### New Home Automation Horizons

- Powerful event-action engine to drive actions (output, call, SMS\*, e-mails\*\*) from every event registered on the panel
- Up to 50 fully programmable outputs: polarity, timing, oscillation and event triggers
- All the input zones of the panel can be used as input for controlling home automation features
- Powerful scheduler to define up to 8 automatic arming/disarming sequences during the day for each single partition
- 20 different timers with 8 activations per day

### Absolute Communication

- Voice communicator with messages for each event/zone and fully customizable library of audio messages
- Digital communicator supporting CID and SIA both on PSTN line and GSM\*
- GPRS\*/IP\*\* communication with Sur-Gard receivers
- 32 Numbers Phone book with black and white list
- SMS\* or e-mail\*\* available for each event

### 360° Programming

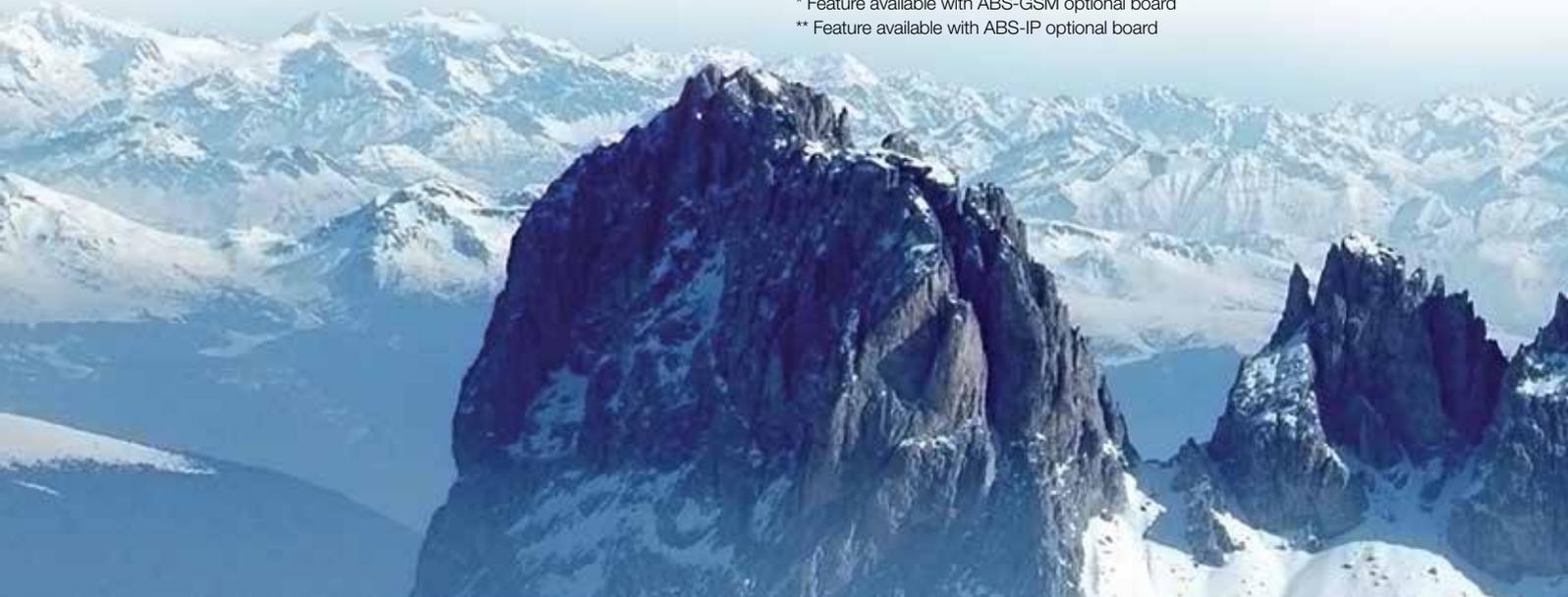
- Powerful Bentel Operating Security Software (BOSS) for the full programming of the panel
- BOSS local connection with USB port or remotely on GPRS\* or IP\*\* channels
- Option to load the programming using a USB Stick
- Keypad programming for the basic operations

### and much more...

- EN Grade 2 and Certification
- Up to 104 zones with logical assignment to the physical zones
- Up to 32 wireless zones using the VRX32 wireless receiver
- Full partition management (up to 16)
- Event logger for up to 2000 events
- 9 Languages available on the panel
- USB Firmware Upgrade

\* Feature available with ABS-GSM optional board

\*\* Feature available with ABS-IP optional board





**ABSOLUTA**  
HYBRID CONTROL PANEL  
UP TO 104 ZONES  
ABS16, ABS42, ABS104

## KEYPADS AND MANAGEMENT DEVICES



**ABSOLUTA T-BLACK & T-WHITE**  
Integrated proximity reader for keys, cards and tags; 3 on-board I/O terminals; Supports Roller Blind detectors



**CLASSIKA LCD**  
Two-line LCD control keypad, with 3 status LEDs.



**PREMIUM LCD**  
Two-line LCD control keypad with proximity reader and 3 programmable I/O terminals.



**M-TOUCH**  
7" colour TouchScreen keypad with an extremely intuitive menu for users and installers.



**PROXI & PROXI-CARD**  
Proximity key/card reader for indoor/outdoor use (IP34).  
\*Proximity card.

## WIRELESS SYSTEMS & ACCESSORIES IN 868 MHz



**VRX32-868**  
Wireless receiver, supporting up to 32 zones.



**KMC10**  
Wireless door/window magnetic contact, supporting up to 32 zones.



**KMC20**  
Vanishing wireless door/windows magnetic contact.



**KMC30**  
Wireless door/window magnetic contact with auxiliary input for rollerblind detector.



**KMD20**  
Wireless infrared pet-immune PIR detector.



**KSD20**  
Wireless optical smoke detector.

## OPTIONAL BOARDS



**ABS-GSM**  
GSM/GPRS/SMS Communication board for ABSOLUTA control panels.



**ABS-IP**  
TCP/IP Communication board.



**ABS-VAP11N**  
WiFi Bridge for ABS-IP board.



**BMD501**  
Digital PIR detector with pet immunity.



**BMD503**  
Digital PIR and microwave detector with pet-immune and anti-masking.

## WIRED DETECTORS

## ▶ Being a team to be **Successful.**

Preparing for the future is no foreign concept to the research and development team at Bentel Security. For this reason, ABSOLUTA also supports ITV2, a third party integration protocol, allowing for endless opportunities to enhance and maximize the systems' capabilities.



## ▶ Going above and **Beyond.**

With ABSOLUTA security without compromise is a forgone. ABSOLUTA offers real-time connection, opening the panel up to the interactive world of smart home management.

Equipped with an ABS-GSM board, the ABSOLUTA panel also conveniently allows for remotely controlled activations via SMS as well as self-monitoring features

through highly intuitive user interfaces. With BOSS programming software, installers are now empowered to program the panel to build up on automation features. In fact, the powerful BOSS event/actions matrix allows for complex home automation scenarios, delivering a truly unique user experience.

## SIGNALING DEVICES



**PROXI TAG**  
60 x 30 mm proximity tag, available in white, grey and black.



**ECLIPSE & SAT**  
Flush-mounted proximity reader (available in various formats to be used in conjunction with most plates currently available). \*Proximity key.



**MINIPROXY**  
50 x 30 mm proximity tag.



**CALL**  
Self-powered siren for outdoor use with flasher. Available in anti-foam and strobe versions.



**WAVE**  
Siren for indoor use. Available in self-powered and strobe versions.



**LADY**  
Self-powered siren for outdoor use. Available in anti-foam and strobe versions.

## WIRELESS SYSTEMS & ACCESSORIES IN 433 MHz



**KRP10**  
Personal panic button.



**KRC10**  
4-Button key fob.



**VRP-433**  
Wireless Repeater



**VRX32-433**  
Wireless receiver, supporting up to 32 zones.



**ASD20**  
Wireless optical smoke detector.



**AMC30**  
Wireless magnetic contact with auxiliary input for rollerblind detector.



**ARC20**  
4-Button keyfob.



**AMD20**  
Wireless infrared pet-immune PIR detector.

## CONTROL PANEL ACCESSORIES



**M-IN/OUT**  
Module with 6 programmable IN/OUT terminals.



**M-IN/OUT**  
Module with 6 programmable IN/OUT terminals.

## POWER SUPPLIES



**BXM-12**  
Microprocessor controlled power station.

## AUDIO MODULE



**AS100**  
Stand alone audio module.

## SOFTWARE WINDOWS



**BENTEL OPERATING SECURITY SOFTWARE (BOSS)**  
Bentel software management system.

# It's all about Control. ▼

Offering a feature-rich platform is a key goal, but at Bentel Security the ultimate success is measured by how easily both installers and users can benefit from improvements to the system. The styling, design and functionality of the new ABSOLUTA user App is inspired by the most current trends in the market, making it extremely easy for all to capitalize on the system's impressive enhancements. The ABSOLUTA App is available for Apple iOS and Android. Through the real-time ABS-IP board, connection is immediate, as soon as the App is launched.

Real-time notifications (PUSH notifications) are available via SMS and e-mail for a number of events. In the absence of IP or GPRS connection, the panel can readily handle SMS commands.

The M-Touch 7" colour touchscreen keypad offers easy additional control over the system. The M-Touch was designed based on specific installers' and users' needs to offer fast and simple system management. With an extremely intuitive menu, even complex actions and scenarios in home automation can be programmed with ease.

Designed with Italian quality and craftsmanship, the M-Touch blends unobtrusively in to any décor.

