Bentel Security is proud to present ABSOLUTA 3.5 control panel, EN Grade 3 certified. With its powerful innovative features, ABSOLUTA is even more performing and offers an absolute security without compromise.

ABSOLUTA becomes interactive via the real-time connection to ABS-IP, the new LAN optional board, in conjunction with the latest APP 2.2 release.

Powerful features such as Real Time Event Notifications (PUSH) – customized sending of events through SMS or email, and the availability of a system integrators protocol, offer customers a higher level of control over their security system.

ABSOLUTA APP 2.2 is available on Google Play, iTunes and Windows Mobile stores.

Security is ABSOLUTA.
Security Systems

1-9  Control Panels
11-12 Keypads & Management Devices
13-15 Wireless Systems
17-20 Communications & Programming Systems
21  Signalling Devices
22-23 Detectors
24  Power Supplies
25  Management Software
ABSOLUTA Control Panels
EN50131 Grade 2

ABSOLUTA Control Panels Platform

COMMON FEATURES
(ABSOLUTA104, 42, 16 control panels):
- Voice dialer on-board
- Voice messages for each event/zone
- Telephonic voice guide
- Program up to 32 phone numbers
- Fully customizable digital dialer
- USB port for USB keys and PC programming
- Shortcut types of arming keys per 4 modes or scenario of partitions
- Basic home automation functions
- Fully programmable outputs: polarity, timing, oscillation, and event triggers
- Event logger contains 2,000 events
- On-board connectors for GSM and IP add-on boards
- Powerful Bentel Operating Security Software (BOSS)
- ABSOLUTA panel available in industrial metal cabinet or sleek plastic cabinet
- Vibration and Roller-Blind Detector support
- ABSOLUTA APP for remote system control
- Push notification on smartphones
- Support for M-Touch TouchScreen keypad

ABSOLUTA104 Expandable Hybrid Control Panel for Large-Scale Installations
- Up to 8 on-board zones
- Expandable to 104 input zones
- Up to 32 wireless zones
- Connect to 16 LCD or M-Touch keypads
- 250 keys/tags
- 16 partitions
- Up to 6 on-board outputs expandable to 50

ABSOLUTA42 Expandable Hybrid Control Panel for Medium-Size Installations
- Up to 8 on-board zones
- Expandable to 42 input zones
- Up to 32 wireless zones
- Connect to 8 LCD or M-Touch keypads
- 128 keys/tags
- 8 partitions
- Up to 6 on-board outputs expandable to 20

ABSOLUTA16 Expandable Hybrid Control Panel for Small/Medium-Size Installations
- Up to 8 on-board zones
- Expandable to 16 wired input zones
- Up to 32 wireless zones (including wired)
- Connect to 8 LCD or M-Touch keypads
- 64 keys/tags
- Up to 6 on-board outputs
- 8 partitions

Some products are not available in all countries. Contact your local distributor for details.
ABSOLUTA Control Panels
EN50131 Grade 3

COMMON FEATURES
(ABSOLUTA 104-G3, 16-G3 control panels):

• Triple balancing
• Super-user privileges for complete system management
• Optional GSM/GPRS board and IP board
• 8 zones on board
• USB port for PC programming
• Support for M-Touch TouchScreen keypad
• Home automation functions
• ABSOLUTA APP for remote system control
• Push notification on smartphones
• Fully programmable outputs: polarity, timing, oscillation and event triggers

• 32 phone number and 32 address e-mail agenda
• Voice dialer on board with 20 min of voice; voice messages for each event/zone
• Telephonic voice guide
• Fully customizable digital dialer
• 4 shortcut arming modes available
• Event logger containing 2,000 events
• Powerful Bentel Operating Security Software (BOSS)
• 13.8V, 5 Amp power supply
• White metal cabinet 310x403x104 mm with wall removing and opening tampers

ABSOLUTA104-G3 Expandable Hybrid Control Panel for Large-Scale Installations

• Maximum number of wired zones 104
• Maximum number of wireless zones 32*
• Number of user/installer codes 127/2
• Number of keypads 16
• Number of key tags/keyfobs 250/16

• Number of key/card readers 16
• Number of input/output expanders 32/16
• Number of power supply stations 4
• Number of partitions 16
• Maximum number of outputs 50

ABSOLUTA16-G3 Expandable Hybrid Control Panel for Medium-Scale Installations

• Maximum number of wired zones 16
• Maximum number of wireless zones 32*
• Number of user/installer codes 31/2
• Number of keypads 8
• Number of key tags/keyfobs 64/16

• Number of key/card readers 16
• Number of input/output expanders 16/6
• Number of power supply stations 4
• Number of partitions 8
• Maximum number of outputs 6

* For non Grade 3 wireless subsystems

The ABSOLUTA APP for smartphones is designed to remotely manage ABSOLUTA control panels and to make managing the security system even easier for the end user. The innovative Real Time Push Notifications service allows the user to easily and effectively monitor the entire system.

Two versions of the ABSOLUTA APP (free with basic functionality and PRO with additional features) are available for iPhone, Android and Microsoft devices and can be downloaded online from the iTunes, Google and Microsoft online stores.

Some products are not available in all countries. Contact your local distributor for details.
ABSOLUTA add-on boards

ABS-GSM GSM/GPRS/SMS Communication Board for ABSOLUTA Control Panels
- Quad-band GSM module with remote antenna
- GSM voice messages transmission
- Voice messages sent after commands from the control panel
- Automatic message for panel fault
- SMS bidirectional communication over GSM (incoming and outgoing management of SMS for home automation functions)
- ABS-AK - GSM Antenna for Absoluta Cabinet
- ABS-AM - GSM Antenna for Metal Cabinet
- Contact ID transmission over GSM voice channel
- Credit and SIM control via SMS and from LCD keypad
- SMS for each zone alarm/event
- Caller ID recognition for outputs activation
- Contemporary communications via PSTN (voice) and via SMS management
- Answering machine through GSM channel

ABS-IP LAN/WAN Communication Board for ABSOLUTA Control Panels
- LAN/WAN internet protocol
- 128 bit encryption (secure)
- Up/Download and event transmission
- Alarm reception via Sur-Gard receivers
- Integration protocol for third party systems
ABSOLUTA Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS-M</td>
<td>Metallic box dimensions: 310x403x103 mm (without antenna); battery up to 17 Ah, tamper switch included</td>
</tr>
<tr>
<td>ABS-P</td>
<td>Plastic box dimensions: 319x352x92 mm (without antenna); battery up to 7 Ah, tamper switch included</td>
</tr>
<tr>
<td>BA015T12</td>
<td>Switching Power Supply 1,5 A</td>
</tr>
<tr>
<td>BAW35T12</td>
<td>Switching Power supply 2,6A</td>
</tr>
<tr>
<td>BAW60T12</td>
<td>Switching Power supply 3,6A</td>
</tr>
<tr>
<td>BAW75T12</td>
<td>Switching Power supply 5,4A</td>
</tr>
<tr>
<td>M-IN/OUT</td>
<td>Module with 6 programmable IN/OUT terminals</td>
</tr>
<tr>
<td>B-ISOL</td>
<td>Isolator module for isolating two sections of the BPI bus</td>
</tr>
<tr>
<td>USB5M</td>
<td>5 mt USB cable for local panel programming</td>
</tr>
<tr>
<td>MAXI ASNC</td>
<td>Anti-tamper and snatch kit</td>
</tr>
<tr>
<td>BXM12/30-50 BPI</td>
<td>External power supply station</td>
</tr>
<tr>
<td>ABSD-INT</td>
<td>English/French set of manuals for ABSOLUTA</td>
</tr>
<tr>
<td>ABSD-BE</td>
<td>Spanish/Portuguese set of manuals for ABSOLUTA</td>
</tr>
<tr>
<td>KIT-G3RES</td>
<td>Kit 3 resistors for balancing EN-GR3 zones (100 pz)</td>
</tr>
</tbody>
</table>

ABS-VAP11G WiFi Bridge for ABS-IP

- Easy connection to any WiFi networks
- Transmission range (without obstacle): 100 mtr
- Powered by ABS-IP
- Automatic WiFi hotspot scan and WiFi hotspot memory function
- WPA-PSK/WPA2-PSK, 64/128/WEP security mechanism
- 300Mbps 802.11b/g/n WiFi transmission protocol

AS-100 Audio Station for ABSOLUTA Control Panels

- Equipped with speaker/microphone
- New modern look
- 4-wire connection to module
- Specifically designed for 2-way voice verification
- Surface or single-gang box mount

Some products are not available in all countries. Contact your local distributor for details.
## ABSOLUTA Features Comparison Chart

<table>
<thead>
<tr>
<th>Features</th>
<th>EN Grade 2</th>
<th>EN Grade 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ABS 16</td>
<td>ABS 42</td>
</tr>
<tr>
<td>Maximum number of wired zones</td>
<td>16</td>
<td>42</td>
</tr>
<tr>
<td>Maximum number of wireless zones</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>Total maximum number of combined (wired and wireless) zones</td>
<td>32</td>
<td>42</td>
</tr>
<tr>
<td>Number of user codes</td>
<td>31</td>
<td>63</td>
</tr>
<tr>
<td>Number of installer codes</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Number of keypads</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Number of key tags</td>
<td>64</td>
<td>128</td>
</tr>
<tr>
<td>Number of keyfobs</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Number of key/card readers</td>
<td>16</td>
<td>32</td>
</tr>
<tr>
<td>Number of input/output expanders</td>
<td>32/16</td>
<td>32/16</td>
</tr>
<tr>
<td>Number of power supply stations</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Number of partitions</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Maximum number of outputs</td>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>Timers</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Vocal messages</td>
<td>206</td>
<td>206</td>
</tr>
<tr>
<td>Numbers phone book agenda</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>Email addresses@</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>ABS-APP</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>DTMF ARMING</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>SMS ARMING</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Triple Balancing zones</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Sold separately: BAQ15T12, BAW35T12, BAW50T12, BAW75T12</td>
<td>13,8V, 5 Amps</td>
</tr>
<tr>
<td>Cabinet</td>
<td>Sold separately: ABS-M; ABS-P</td>
<td>White metal 310x403x103</td>
</tr>
<tr>
<td>Tamper</td>
<td>Opening; wall removing optional</td>
<td>Opening and wall removing</td>
</tr>
</tbody>
</table>
Control panels
Series 320

**KYO320 Expandable Hybrid Control Panel for Large-Scale Installations**
- 8 on-board zones
- Expandable to 264 wired zones
- Expandable to 64 wireless zones (433 and/or 868 MHz frequency)
- 6 programmable on-board outputs: 3 (3 A relay) + 3 (1 A open-collector)
- Expandable to 102 programmable outputs
- Connect to 32 remote LCD keypads
- 10,000 event buffer size
- 5 installers and 195 users codes
- 500 keys/tags
- 16 + 16 keyfobs
- 32 readers
- 50 telephone numbers
- 2 operating modes: Normal or "EN50131"
- Comprehensive scheduler with 64 timers for basic home automation functionality
- Integrated access control functionality

**KYO320 Accessories**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3/VOX2</td>
<td>62 message voice board (8 minutes and 44 seconds message time total)</td>
</tr>
<tr>
<td>K3/PRT2</td>
<td>Printer card</td>
</tr>
<tr>
<td>M-IN/OUT</td>
<td>Module with 6 programmable IN/OUT terminals</td>
</tr>
<tr>
<td>B-ISOL</td>
<td>Isolator module for isolating two sections of the BPI Bus</td>
</tr>
<tr>
<td>K-NET</td>
<td>IP Module</td>
</tr>
</tbody>
</table>

**KYO Unit**

**KYO32G Expandable Hybrid Control Panel for Medium-Size Installations**
- 8 on-board zones
- Expandable to 32 wired zones
- Expandable to 32 wireless zones
- Outputs: 5 (500 mA) expandable to 16
- Connect to 8 remote LCD or LED keypads
- 8 partitions
- 256 event buffer size
- 1 installer and 24 users codes
- 128 keys/tags
- 16 keyfobs
- 16 readers
- 8 telephone number
- Voice dialer function with NC2/VOX
- Supports vibration and Roller-Blind detectors

**KYO32 Expandable Hybrid Control Panel for Medium-Size Installations**
- 8 on-board zones
- Expandable to 32 wired zones
- Expandable to 32 wireless zones
- Outputs: 3 (150 mA) expandable to 14
- Connect to 8 remote LCD or LED keypads
- 8 partitions
- 256 event buffer size
- 1 installer and 24 users codes
- 128 keys/tags
- 16 keyfobs
- 16 readers
- 8 telephone number
- Voice dialer function with NC2/VOX
- Supports vibration and Roller-Blind detectors

Some products are not available in all countries. Contact your local distributor for details.
**KYO8GW Control Panel for Small-Scale Installations**

- 8 on-board zones
- Manage up to 8 wireless zones
- Outputs: 5 (500 mA)
- Connect up to 8 keypads
- 128 keys
- 16 readers
- 4 partitions
- 128-event buffer size
- 1 installer and 24 users codes

**KYO8W Control Panel for Small-Scale Installations**

- 8 on-board zones
- Manage up to 8 wireless zones
- Outputs: 3 (150 mA)
- Connect up to 8 keypads
- 128 keys
- 16 readers
- 4 partitions
- 128-event buffer size
- 1 installer and 24 users codes

**KYO4 Control Panel for Small-Scale Installations**

- 4 on-board zones
- Outputs: 3 (150 mA)
- Connect up to 8 keypads
- 4 partitions
- 128 event buffer size
- 1 installer and 24 users codes
- 128 keys/tags
- 16 readers
- 8 telephone numbers
- Voice dialer function with NC2/VOX
- Supports Vibration and Roller-Blind detectors

**KYO Unit Accessories**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC2/VOX</td>
<td>8 message voice board (90 seconds message time)</td>
</tr>
<tr>
<td>UNBOX-L</td>
<td>Metallic large box dimensions 339x488x108 mm battery up to 17 Ah</td>
</tr>
<tr>
<td>UNBOX-M</td>
<td>Metallic medium box dimensions 241x279 x87 mm battery up to 7 Ah</td>
</tr>
<tr>
<td>BOX-PLUS</td>
<td>Plastic box dimensions 309x227x89 mm battery up to 7 Ah</td>
</tr>
<tr>
<td>TRF-UNIT</td>
<td>Transformer compatible with KYO4, KYO8W and KYO32</td>
</tr>
<tr>
<td>BAD15T12</td>
<td>Switching Power Supply 1.5 A</td>
</tr>
<tr>
<td>BAW35T12</td>
<td>Switching Power Supply 2.6 A</td>
</tr>
<tr>
<td>BAW50T12</td>
<td>Switching Power Supply 3.6 A</td>
</tr>
<tr>
<td>M-IN/OUT</td>
<td>Module with 6 programmable IN/OUT terminals</td>
</tr>
<tr>
<td>B-ISOL</td>
<td>Isolator module for isolating two sections of the BPI bus</td>
</tr>
<tr>
<td>ASNC</td>
<td>Anti tamper BOX-PLUS</td>
</tr>
<tr>
<td>MAXIASNC</td>
<td>Anti tamper BOX-M and BOX-L</td>
</tr>
</tbody>
</table>

Some products are not available in all countries. Contact your local distributor for details.
### KYO Control Panels Overview

<table>
<thead>
<tr>
<th>Features</th>
<th>KYO32/32G</th>
<th>KYO8W/8GW</th>
<th>KYO4</th>
<th>KYO320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of keypads</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>32</td>
</tr>
<tr>
<td>Number of codes (installer + user)</td>
<td>1 + 24</td>
<td>1 + 24</td>
<td>1 + 24</td>
<td>5 + 195</td>
</tr>
<tr>
<td>Number of keys</td>
<td>128</td>
<td>128</td>
<td>128</td>
<td>500</td>
</tr>
<tr>
<td>Number of key/card readers</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>32</td>
</tr>
<tr>
<td>Number of input expansions</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>32</td>
</tr>
<tr>
<td>Number of output expansions</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>16</td>
</tr>
<tr>
<td>Number of power supply stations/BPI repeater</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>On-board zones</td>
<td>8</td>
<td>8</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>Max number of wired zones</td>
<td>32</td>
<td>8</td>
<td>4</td>
<td>264</td>
</tr>
<tr>
<td>Max number of wireless zones</td>
<td>32</td>
<td>8</td>
<td>0</td>
<td>64</td>
</tr>
<tr>
<td>Total max number of combined (wired + wireless) zones</td>
<td>32</td>
<td>8</td>
<td>8</td>
<td>328</td>
</tr>
<tr>
<td>Programming port</td>
<td>RS232</td>
<td>RS232</td>
<td>RS232</td>
<td>RS232</td>
</tr>
<tr>
<td>Event buffer</td>
<td>256</td>
<td>256</td>
<td>128</td>
<td>10,000</td>
</tr>
<tr>
<td>Arming/Disarming scheduler</td>
<td>Only Arm</td>
<td>Only Arm</td>
<td>Only Arm</td>
<td>Yes</td>
</tr>
<tr>
<td>Timers</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Voice telephone numbers</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>Up to 32</td>
</tr>
<tr>
<td>Central station phone numbers</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>Up to 8</td>
</tr>
<tr>
<td>Vocal messages (number-duration)</td>
<td>8-88 sec</td>
<td>8-88 sec</td>
<td>8-88 sec</td>
<td>62-523 sec</td>
</tr>
<tr>
<td>Telephone voice guide</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Bell circuit</td>
<td>1 relay</td>
<td>1 relay</td>
<td>1 relay</td>
<td>3 relay programmable</td>
</tr>
<tr>
<td>On-board programmable outputs</td>
<td>3 oc 150 mA (32) 5 oc 500 mA (32G)</td>
<td>3 oc 150 mA (8W) 5 oc 500 mA (8GW)</td>
<td>3 oc 150 mA</td>
<td>3 ot 1 A</td>
</tr>
<tr>
<td>Max number of outputs</td>
<td>14 (32) 16 (32G)</td>
<td>3 (6W) 5 (8GW)</td>
<td>4</td>
<td>32</td>
</tr>
<tr>
<td>Number of partitions</td>
<td>8</td>
<td>4</td>
<td>4</td>
<td>32</td>
</tr>
<tr>
<td>Type of activation per partitions</td>
<td>Arm, partition A,B</td>
<td>Arm, partition A,B</td>
<td>Arm, partition A,B</td>
<td>Arm, partition A,B,C,D</td>
</tr>
</tbody>
</table>

Some products are not available in all countries. Contact your local distributor for details.
NORMA - 8 zones Hardwired Control Panel

- 8 programmable on-board zones
- On board proximity reader for simplified operation
- Outputs: 1 (3 A relay) + 1 programmable Open Collector (200 mA)
- Connect up to 8 LED keypads and 8 Eclipse proximity readers
- 4 groups of zones for partition management
- 1 installer code, 5 users code and 128 keys/tags
- Easy installation directly by panel without a keypad

Control Panels Compatibility Chart

<table>
<thead>
<tr>
<th>Panels Devices</th>
<th>ABSOLUTA</th>
<th>KYO320</th>
<th>KYO32</th>
<th>KYO4</th>
<th>NORMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-IN/OUT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>K3/V0X2</td>
<td>/</td>
<td>Yes</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>K3-PR2</td>
<td>/</td>
<td>Yes</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>NC2/V0X</td>
<td>/</td>
<td>/</td>
<td>Yes</td>
<td>Yes</td>
<td>/</td>
</tr>
<tr>
<td>VOX-REM</td>
<td>/</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>B-ISOL</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>M-TOUCH</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>PREMIUM LED</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>PREMIUM LCD</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>CLASSIKA LED</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CLASSIKA LCD</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>T-WHITE</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>T-BLACK</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>PROX0/ECLIPSE</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>VRX32/433</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes (from rel. 2.1x)</td>
<td>No</td>
<td>/</td>
</tr>
<tr>
<td>VRX32/868</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes (from rel. 2.1x)</td>
<td>No</td>
<td>/</td>
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<tr>
<td>VECTOR RX/8</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>/</td>
</tr>
<tr>
<td>B-NET/K-NET</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>/</td>
</tr>
<tr>
<td>ABS-GSM</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>ABS-IP</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>BXM12/B</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>BXM12/U</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Bentel Security Suite</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>/</td>
</tr>
<tr>
<td>Bentel Operating Security Software</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>/</td>
</tr>
</tbody>
</table>
M-Touch

A Simple and Effective Way to Secure the Entire Home.

 Totally compatible with the ABSOLUTA Series Control panel, the M-Touch TouchScreen keypad offers your customers a simple, interactive way, to manage and effectively control their security system utilizing the latest technologies from Bentel Security.

 Conveniently configure 4 arming schemes with just a touch of the display, customize the keypad background and activate the home automation outputs (opening the gate, lighting control, watering cycle, etc), directly by using the new graphic maps feature. Visualizing alarm zones is easy as is the ability to bypass or re-include one; just by touching the map on the screen.

 M-Touch – all the security you want at a touch.
ABSOLUTA M-TOUCH TouchScreen Keypad

With its slim and modern design and a 7” full color display, M-TOUCH is the perfect solution for controlling your home security. Its large, clearly recognizable on-screen buttons and intuitive menu-driven screens facilitate ease of use and programming.

- 7” full color display
- Slim modern design (800x480 resolution)
- Intuitive LED indication of security system status
- Up to 16 floor plans or pictures to show zones or commands
- Picture frame feature
- Clock feature
- Output control
- Intuitive user interface

- Customizable home screen and wallpaper
- Menu user programming
- Installer programming
- Virtual keypad
- SD card
- Digital picture frame mode
- Compatible with ABSOLUTA Series control panels
- Available in 9 languages

ABSOLUTA T-WHITE & T-BLACK Keypads

- Color: white or black with blue backlight
- Integrated proximity reader compatible with:
  - SAT2
  - Proxi-Cards
  - Miniproxi
  - Proxi-Tags
- 3 on-board I/O terminals
- Supports Roller Blind detectors

- Very simple and fast installation without cabling problems: terminals only on the back
- Integrated “spirit level” for easy installation
- 2x16 blue LCD display
- Adjustable display contrast
- 4 system status LEDs
- 3 proximity reader LEDs: arming, A and B arming

PREMIUM LCD Keypad

- Integrated proximity reader for keys, cards and tags
- 3 on-board I/O terminals
- Supports Roller Blind detectors
- Surface mounting or flush mounting (with optional kit)

- Very simple and fast installation without cabling problems: terminals only on the back
- Integrated “spirit level” for easy installation
- 2x16 blue LCD display
- Adjustable display contrast
- 4 system status LEDs
Some products are not available in all countries. Contact your local distributor for details.

PREMIUM Keypad Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BKP-BOX</td>
<td>Flush-mounting kit: flush-mounted box, mortar-proof cover, cap with Bentel logo, flush-mounted back</td>
</tr>
<tr>
<td>BKP-FMB</td>
<td>Flush-mounted box, mortar-proof cover, cap with Bentel logo</td>
</tr>
<tr>
<td>BKP-FBK</td>
<td>Flush-mounted back</td>
</tr>
</tbody>
</table>

CLASSIKA Series Keypads

- Great value
- Large and easy to use keys
- Very simple and fast installation without cabling problems: terminals only on the back

CLASSIKA LCD Keypad

- 2x16 blue LCD display
- Adjustable display contrast
- 3 system status LEDs

CLASSIKA LED Keypad

- 16 zone LEDs to display all 3 zone states
- 8 system status LEDs

Proximity Readers

PROXI
- Proximity key/card/tag reader for indoor/outdoor use (IP34)

MINIPROXI
- Proximity tag 50x30 mm

PROXI-CARD
- Proximity card

SAT2
- Proximity key

PROXI-TAG
- Proximity tag 60x30 mm
- Available in White, Gray and Black

ECLIPSE 2
- Proximity key reader for indoor use
- Possibility to use in combination with SAT, Miniproxi and Proxi-card
- Universal reader module
- Availability of 19 different covers to be adapted to the most used finishing styles

Keypads & Management Devices
Wireless Receivers

Choose between Bentel’s 433 MHz or 868 MHz families of wireless devices. The 433 MHz family of devices offer proven range and reliability. The 868 MHz family of devices are perfect for installations where the 433 MHz frequency band is prone to interference.

VECTOR VRX32-433EN 32-Zone Wireless Receiver

- EN50131 Approved Grade 2
- Available in 433 MHz
- Supports up to 32 wireless detectors
- Supports up to 16 wireless key-fobs
- Easy installation
- Compatible only with ABSOLUTA control panels

VECTOR VRX32-433 | VRX32-868 32-Zone Wireless Receiver

- Available in 433 MHz and 868 MHz
- Supports up to 32 wireless detectors
- Supports up to 16 wireless keyfobs
- Easy installation
- Can be used in conjunction with Vector/Quad module (only KYO320) for increased wireless range
- Compatible with the following control panels: KYO8W, KYO8GW, KYO32, KYO32G, KYO320 and ABSOLUTA

VECTOR/RX8 8-Zone Wireless Receiver

- Available in 433 MHz
- Supports up to 8 wireless detectors
- Supports up to 8 wireless keyfobs
- Easy installation
- Can be used in conjunction with Vector Quad module (only KYO320) for increased wireless range
- Compatible with the following control panels: KYO8W, KYO8GW, KYO32, KYO32G, KYO320
Some products are not available in all countries. Contact your local distributor for details.

Wireless Systems

**Wireless Devices**

**KMD20 (868 MHz) | AMD20 (433 MHz)**
Wireless Pet-Immune PIR Motion Detector

- Cover: 26 beams on 4 levels, long, medium and short-range
- Battery: Lithium mod. CR123A

**KMD20NP (868 MHz) | AMD20NP (433 MHz)**
Wireless PIR Motion Detector

- Cover: 26 beams on 4 levels, long, medium and short-range
- Battery: Lithium mod. CR123A

**VECTOR/QUAD Wireless Range Expansion Module**
Use a Vector/Quad module to connect up to 4 wireless receivers to the control panel and expand the wireless coverage area. Place the additional wireless receivers strategically throughout the building to prevent wireless deadspots and maximize the wireless coverage. Note: the Vector/Quad does not provide additional zones.

- Voltage Range: 12Vdc - 14Vdc
- Current: 55 mA, plus current draw of each receiver module connected
- Compatible receiver modules: VRX32-433/868 and Vector/RX8
- Compatible control panels: KYO320

**VRP-433 Wireless Repeater**

- Mains and with battery back-up powered
- Visual indicators for AC, Battery and RF Jam
- Internal antenna
- Approval: CE
- Compatible with:
  - Control panels – ABSOLUTA, KYO Unit and KYO320 with the VRX32-433 & Vector/RX8 receivers
KMC10 (868 MHz) Wireless Door/Window Magnetic Contact
- Dimensions (WxHxD): 75x31x22 mm
- Battery: 1 Lithium mod. CR2

KMC20 (868 MHz) Vanishing Wireless Door/Window Magnetic Contact
- Dimensions (WxHxD): 57x25x5.3 mm
- Battery: 1 Lithium mod. CR2032

KMC30 (868 MHz) | AMC30 (433 MHz) AMC30M (433 MHz) Wireless Door/Window Magnetic Contact with Auxiliary Input
- Auxiliary input supports roller blind detectors
- Dimensions (WxHxD): 75x43x25 mm
- Battery: 1 Lithium mod. CR123A
- Also available in brown (AMC30M)

KRC10 (868 MHz) | ARC20 (433 MHz) 4 Button Wireless Key
- Code combinations: 1,048,576
- Dimensions (WxHxD): 33x58x12 mm
- Batteries: 2 Lithium mod. CR2025

KRP10 (868 MHz) Personal Panic Button
- Belt clip
- Water resistant
- Dimensions (WxHxD): 33x58x12 mm
- Batteries: 2 Lithium mod. CR2025

KSD20 (868 MHz) | ASD20 (433 MHz) Wireless Smoke Detector
- Dimensions: base diameter 147 mm, height 52.8 mm
- Batteries: 2 Lithium batteries mod. CR123

Wireless Systems

Some products are not available in all countries. Contact your local distributor for details.
With the simple addition of the BGS-220 or B3G-220, it’s possible to upgrade almost any legacy PSTN panel to a modern GSM/3G system through the power of cellular connectivity, converting the Contact ID codes into clear vocal messages or SMS clear vocal or SMS messages.

You can protect your home or business in a safer, smarter and innovative way directly from your smartphone, without the expense of a new control panel yet enhance the security and expand the life of your existing system because of the BGS-220’s 2G network and the B3G-220’s 3G network.

Bentel Security – For a Safer World
BGS-220 - GSM/GPRS Universal Communicator

B3G-220 - GSM/3G Universal Communicator

- 2G and 3G Versions in Kit or Cabinet Versions
- Approved EN50136
- CiD to Voice/SMS function: Sending voice messages or SMS according the CiD coming from the panel
- Integrated Antenna *
- Optional external pentaband antennas
- Remote programming by BOSS
- USB Port for local programming *
- 6 programmable terminals (input/output)
- Optional Li Ion battery for 6 hours autonomy in case of electrical breakdown *

Communicator Available Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGS-220</td>
<td>2G communicator, plastic cabinet</td>
</tr>
<tr>
<td>B3G-220/EU</td>
<td>3G communicator 900/1800 MHz bands, plastic cabinet</td>
</tr>
<tr>
<td>BGS-220K</td>
<td>Kit including 2G communicator, 2 mt cable antenna, adapter and metal bracket</td>
</tr>
<tr>
<td>B3G-220K/EU</td>
<td>Kit including 3G communicator 900/1800 MHz bands, 2 mt cable antenna, adapter and metal bracket</td>
</tr>
</tbody>
</table>

*Available in the cabinet version only

Some products are not available in all countries. Contact your local distributor for details.
BGSM-120 GSM/GPRS Universal Communicator

The BGSM-120 offers Voice Dialer functionality in addition to the long list of standard Bentel communicator features. Small enough to fit inside the panel cabinet and no extra battery required.

- GSM Quad-Band
- Can be used as a primary, backup or standalone communicator
- Can be installed inside panel cabinet (no extra battery required)
- Compatible with most control panels
- PTM* feature intelligently monitors phone line and switches automatically to GSM network
- Able to detect VOIP service problems quickly (PTM*)
- 3 programmable I/O terminals
- Telephone voice dialer: 8 voice messages of up to 16 sec. each
- SMS dialer: 11 SMS messages of 100 characters
- 8 telephone numbers for the Telephone and SMS dialers
- Reliable, fast Contact ID communications via GPRS (compatible with Sur-Gard System II and System III receivers)
- Credit balance check for pre-paid SIM CARDS
- Programmable “whitelist” of enabled callers – up to 100 telephone numbers
- Remote activation of outputs through caller recognition (zero charges) or by sending an SMS
- Remote control feedback (SMS message or ring)
- Flexible PC configuration software

* PTM is a proprietary technology

BGSM-100 GSM/GPRS Interface

The BGSM-100 can be used as an always-on backup communicator or it can be used as the primary communicator, eliminating the need for phone lines.

- GSM Quad-Band
- Can be used as a Primary or Backup communicator
- Can be installed inside panel cabinet (no extra battery required)
- Compatible with most control panels
- PTM feature intelligently monitors phone line and switches automatically to GSM network
- 3 Open Collector Outputs, one which can be activated remotely
- Reliable, fast Contact ID communications via GPRS (compatible with Sur-Gard® System II and System III receivers)
- Programmable “whitelist” of enabled callers – Up to 100 telephone numbers
- Remote activation of outputs through caller recognition (zero charges)
- Remote control feedback
- Flexible PC configuration software

* PTM è una tecnologia proprietaria.

Communicator Available Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGSM-120KEA</td>
<td>Kit including board, 2 m cable antenna, metal, bracket and supports</td>
</tr>
<tr>
<td>BGSM-120KCA</td>
<td>Kit including board, 25 cm cable antenna and supports</td>
</tr>
<tr>
<td>BGSM120-BA</td>
<td>Cabinet version complete with antenna</td>
</tr>
</tbody>
</table>

Remote programming by www.bentelreachme.com
No communication cost

Communications & Programming Systems

Some products are not available in all countries. Contact your local distributor for details.
Communicator Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX0ASNC</td>
<td>Anti-tamper switch for BGSM-120/100BA</td>
</tr>
<tr>
<td>PC-LINK</td>
<td>Programming cable</td>
</tr>
<tr>
<td>LIB2A6</td>
<td>Li-ion Battery 2.6Ah</td>
</tr>
</tbody>
</table>

ANT5-15 Outdoor Remote GSM Antenna

- Penta band: 820 - 2170 MHz
- Polarization: vertical
- Antenna length: 330mm
- Cable length: 15m
- VSWR < 2.0
- Cover material: PVC
- Connectors: SMA
- Adaptor cable from SMA to MMCX

Compatible with BGSM220, BGSM220-K, B3G220, B3G220-K, BGSM-120KCA, BGSM-100KCA, BGSM120-KEA, BGSM100-KEA and ABS-GSM (NOT compatible with BGSM-120/100BA)

ANT5-02 Outdoor Remote GSM Antenna

- Penta band: 820 - 2170 MHz
- Polarization: vertical
- Antenna length: 130mm
- Cable length: 2m
- VSWR < 2.0
- Cover material: ABS
- Connectors: SMA and MMCX
- Compatible with all BGSx, B3Gx, BGSMx.

B-TEL GT Quad-Band Gsm Voice And Sms Communicator

- Vocal menu in 4 languages for programming and use
- Vocal dialer with 64 seconds of vocal messages
- Secure listen-in of premises
- Remote control via SMS
- 9 programmable telephone numbers (16 digits)
- Alphanumeric keypad for operating control
- Power supply: 13.8 Vdc

Some products are not available in all countries. Contact your local distributor for details.
B-TEL2 Stand Alone Voice and Digital PSTN Communicator

The B-TEL2 is a voice communicator and digital communicator in one. Use the listen-in capability to prevent false alarms.

- Vocal dialer with 64 seconds of vocal messages
- Secure listen-in of premises
- Integrated multi-protocol digital communicator with programmable event code
- Remote control via DTMF
- Menu-driven, 40-character, 2-line LCD display with blue backlighting provides instruction when in manual mode
- 4 buttons for manual programming and acknowledgment of alarm signals when in manual mode

SUR-GARD SYSTEM II Single Line IP Receiver

The System II single-line IP receiver is designed for proprietary applications such as gated communities/condominiums, dealers monitoring account system status, private corporate security and government facilities. System II supports up to 1024 T-Link accounts (K-NET or BGS-220/B3G-220), of those accounts, 512 can be supervised.

- Desktop or rack mountable
- On-board flash memory and DSP for future software upgrades and enhancements
- USB or serial outputs to automation software
- Menu-driven, 40-character, 2-line LCD display with blue backlighting provides instruction when in manual mode
- 4 buttons for manual programming and acknowledgment of alarm signals when in manual mode
- Vocal dialer with 64 seconds of vocal messages
- Secure listen-in of premises
- Integrated multi-protocol digital communicator with programmable event code
- Remote control via DTMF
- Menu-driven, 40-character, 2-line LCD display with blue backlighting provides instruction when in manual mode
- 4 buttons for manual programming and acknowledgment of alarm signals when in manual mode

K-NET Ip Communication Board

IP Module for KYO320. K-NET is the evolution of B-NET, offering the same performance levels but in a smaller package, meaning it can be installed directly inside the container of control panel KYO320. K-NET is a device that may expand the functions of KYO320 control panel through communication over the LAN.

- LAN/WAN Internet protocol
- 128 bit encryption (secure)
- Up/Download and event transmission
- Alarm reception via Sur-Gard System II/III receiver
- Integration protocol for third party systems, available on request (contact Technical Support service for further information)
CALL Self-Powered External Sirens with Flasher

- Strong polycarbonate box with tropicalized metal innerplate: resistant to all weather conditions (protection class IP34)
- Modulated frequency sound emission with the possibility to assign different sounds to the alarm input
- Test circuit for battery level and efficiency with flasher cut out activated by low battery conditions
- Protected against tamper, snatch, flasher damage and wire cutting and with foam injection tamper device (select models only)
- 3 different inputs for alarm signaling on siren sounder, flasher or both (select models only)
- Available with anti-foam option
- Colours: white and light silver

Complies with CEI 79-2/2nd Ed. 1993 performance Grade II

LADY Self-Powered External Sirens with Flasher

- Strong polycarbonate box with tropicalized metal innerplate: resistant to all weather conditions (protection class IP34)
- Modulated frequency sound emission with the possibility to assign different sounds to the alarm input
- Test circuit for battery level and efficiency with flasher cut out activated by low battery conditions
- Protected against tamper, snatch, flasher damage and wire cutting and with foam injection tamper device (select models only)
- 3 different inputs for alarm signaling on siren sounder, flasher or both (select models only)

Complies with CEI 79-2/2nd Ed. 1993 performance Grade II

WAVE High Performance Internal Siren

- Operating voltage 12 Vdc
- Sound output volume 104 dBA ±3 dB @ 1 m
- Protection class IP31
- Available with or without flasher

Some products are not available in all countries. Contact your local distributor for details.
BMD501 Digital PIR Detector with Pet Immunity

Whether it’s a residential or commercial installation, the BMD500 Series combines performance with competitive pricing to offer the perfect solution.

- Digital signal analysis
- Pet immunity up to 25 kg (55 lb)
- Exceptional white light immunity
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Compact design for residential installations
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Height installation calibration free
- Dimensions (WxHxD): 118x62.5x41 mm
- Power input: 8.2 to 16 Vdc
- Current draw (Standby): 18 mA
- Current draw (Active): 25.5 mA
- RFI protection: 30 V/m 10-1000 MHz
- EMI protection: 50,000 V

BMD503/BMD504 Dual-Tech (PIR + Microwave) Motion Detectors with Anti-Masking and Pet-Immunity

The BMD503 is a dual technology motion detector that combines passive infrared and microwave detection with anti-masking features. The BMD504 dual-technology motion detector without antimasking offers reliable prevention of false alarms at an economical price.

- Anti-masking (BMD503 only) and anti-tamper
- Slim profile design
- Pet immunity up to 25 kg (55 lb)
- Exceptional white light immunity
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Height installation calibration free
- 2-way PIR/microwave sensitivity adjustment
- User-friendly installation with or without swivel-mount bracket (bracket sold separately)
- Dimensions (WxHxD): 118x62.5x41 mm
- Power input: 8.2 to 16 Vdc
- Current draw (Standby): 18 mA
- Current draw (Active): 25.5 mA
- RFI protection: 30 V/m 10-1000 MHz
- EMI protection: 50,000 V
BMD-707 Wired Outdoor 8 PIR Detector
The BMD-707 features the true revolutionary TMR™ True Motion Recognition Technology using 8 PIR sensors. Each sensor acts as a Quad detector to accurately determine real threats while being able to prevent false alarms caused by outdoor interference, such as rain, snow and animals.

- Advanced Obsidian Black Mirror™ optics technology (patent pending) distinguishes a moving person from swaying trees or small animals ensuring effective detection of human movement while minimizing false alarms
- High protection against snow, rain, dust, wind and direct sunlight
- Tamper protection against opening and removal from wall
- Alarm LED is visible in sunlight
- Low voltage detection
- Self-test
- Robust housing with recessed window
- Smart anti-masking can distinguish between masking spray and rain
- Immunity to pets weighing up to 18 kg (39.7 lb)
- Built-in swivel bracket
- IP 55

GB08 Glass Break Detector
Designed to detect the sounds produced by the shattering of framed glass.

- High-performance microphone
- Sensitivity adjustment
- Digital signal analysis provides exceptional false alarm immunity
- Excellent RF immunity
- Accurate detection of framed plate, laminated, wired and tempered glass types
- Operating voltage 9.5 ÷ 14 Vdc
- Standby current: 15 mA
- Case protection grading: IP50
- Dimensions (WxHxD): 89x64x20 mm

IR360 360° PIR Detector
Designed for applications which require high sensitivity and cover, such as rooms with large amounts of view restricting furniture.

- Ceiling mount for environments with a restricted field of vision
- Temperature compensation for improved performance at critical temperatures
- Sensitivity adjustment to configure the detector for normal or hostile environments
- Excellent RF immunity
- Exceptional white light immunity
- Operating voltage 9.5 ÷ 14 Vdc
- Standby current: 15 mA
- Case protection grading: IP50
- Dimensions (WxHxD): 115x115x25 mm

RILED Remote LED Indicator

- Supplementary visual signalling for fire and intrusion installation
- Current: max 30 mA
- Dimensions (WxHxD): 83x83x26 mm
- Multi-voltage for intrusion: 12V

RAY Outdoor Barrier for Long-Range Protection of Property Perimeters

- Active infrared double-ray photoelectric sensor
- Signal LED for system’s status
- Excellent RF immunity
- Alarm output
- Tamper output
- Supply voltage: 10 ÷ 18 Vdc
- Current: < 43 mA
- Case protection grading: IP54

Some products are not available in all countries. Contact your local distributor for details.
Some products are not available in all countries. Contact your local distributor for details.

**BXM12 Controlled Power Station**
- Microprocessor controlled power station 230 Vac/13.8 Vdc, metallic box. Available as a universal version (BXM12/30-U or BXM12/50-U) for all control panels, and a BPI version (BXM12/30-B or BXM12/50-B) for KYO320 and ABSOLUTA
- Restoration of BPI bus levels (BXM12/30-B and BXM12/50-B only)
- Insulator function (BXM12/30-B and BXM12/50-B only)
- Auxiliary power supply
- Max current: BXM12/30 = 3 A; BXM12/50 = 5 A

**BAW Switching Power Supply Battery-Charger**
- 230 Vac/13.8 Vdc
- Max Current:
  - BAQ15T12 = 1.5A
  - BAW35T12 = 2.6A
  - BAW50T12 = 3.6A
  - BAW75T12 = 5.4A
- Compatible with Absoluta and Kyo Unit

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<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAQ15T12</td>
<td>Switching power supply for Absoluta and Kyo - Max Current 1.5A @ 13.8V.</td>
</tr>
<tr>
<td>BAW35T12</td>
<td>Switching Power Supply 13.8V 2.6A - compatible with Absoluta and Kyo Unit</td>
</tr>
<tr>
<td>BAW50T12</td>
<td>Switching Power Supply 13.8V 3.6A - compatible with Absoluta and Kyo Unit</td>
</tr>
<tr>
<td>BAW75T12</td>
<td>Switching Power Supply 13.8V 5.4A - compatible with Absoluta and Kyo Unit</td>
</tr>
<tr>
<td>KST</td>
<td>Thermal probe kit for power suppliers</td>
</tr>
<tr>
<td>BX</td>
<td>Metal case for BAQ15, BAQ35, BAQ60 Power Supplies - for 7A battery</td>
</tr>
<tr>
<td>BXM</td>
<td>Metal case for BAQ15, BAQ35, BAQ60 Power Supplies - for 17A battery</td>
</tr>
</tbody>
</table>
BOSS Bentel Operating Security Software

BOSS is an advanced software platform for local and remote management of Bentel Security systems. System programming, site monitoring and firmware management are made easy with BOSS through a powerful and intuitive user interface. Improve efficiency and do it all at once with the many features of BOSS that allow true multi-tasking.

The BOSS platform brings an extensive list of features and capabilities:

- Unlimited number of accounts
- Support Absoluta Control panels, BGS and B3G communicators
- Backed by SQL database for stability, security and reliability of account data
- Extensive search capabilities
- Tabs: open many accounts at once just like your favorite internet browser
- Single option tagging to minimize the amount of data transfer
- Multi-tasking: continue to work on other accounts while communications are in progress
- Complete management of voice files
- Continuous “Real-Time” status mode
- Built-in firmware upgrade tool
- Flexible account management
- Queued communication jobs
- Extensive tracking and control of communications jobs
- Managed updates and installation

BOSS will require the following applications to be installed:

1. .NET Framework 4.0
2. Visual C++

BSS Bentel Security Suite

The Bentel Security Suite is an integrated environment that has been developed to meet the needs of local and remote management of Bentel Security systems. It will allow you to program, control and enhance the performance of any all KYO Platform, BGSM Communicator, and all the old Bentel Security Products equipped with a local or remote computer interface. The customer database and print facilities will keep you in touch and informed. It is surely the best way to achieve the maximum from your Bentel Security installation.

All Bentel software are available for free download at www.bentelsecurity.com
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 (PS4).
*Proximity card.

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

ECLIPSE2 & SAT2
Flush-mounted proximity reader available in various formats to be used in conjunction with most plates currently available.
*Proximity key.

MINIPROXI
50 x 30 mm proximity tag.

OPTIONAL BOARDS

ABS-GSM
GSM/UMTS/SMS communication board for Absoluta control panels.

ABS-IP
TCP/IP communication board.

ABS-VAP11G
WIFI bridge for ABS-IP board.

CONTROL PANEL ACCESSORIES

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

B-ISOL
BUS BPI isolator module.

ABSOLUTA HYBRID CONTROL PANEL
UP TO 104 ZONES

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
Varishing wireless door/windows magnetic contact.

KMC30
Wireless door/window magnetic contact with auxiliary input for roller blind detector.

KMD20
Wireless infrared pet-immune PIR detector.

KSD20
Wireless optical smoke detector.

KRP10
Personal panic button.

KRC10
4-Button key fob.

WIRELESS SYSTEMS & ACCESSORIES IN 433 MHz

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 roller blind detector.

ARC20
4-Button key fob.

AMD20
Wireless infrared pet-immune PIR detector.

SIGNALING DEVICES

CALL
Self-powered siren for outdoor use with flasher, Antifoam and strobe versions.

WAVE
Siren for indoor use. Self-powered and strobe versions.

LADY
Self-powered siren for outdoor use: Antifoam and strobe versions.
<table>
<thead>
<tr>
<th>Name of the Product</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS-GSM</td>
<td>3</td>
</tr>
<tr>
<td>ABS-IP</td>
<td>3</td>
</tr>
<tr>
<td>ABS-VAP11G</td>
<td>4</td>
</tr>
<tr>
<td>ABSOLUTA</td>
<td>1</td>
</tr>
<tr>
<td>ABSOLUTA M-TOUCH</td>
<td>11</td>
</tr>
<tr>
<td>ABSOLUTA T-WHITE &amp; T-BLACK</td>
<td>11</td>
</tr>
<tr>
<td>ABSOLUTA104</td>
<td>1</td>
</tr>
<tr>
<td>ABSOLUTA104-G3</td>
<td>2</td>
</tr>
<tr>
<td>ABSOLUTA16</td>
<td>1</td>
</tr>
<tr>
<td>ABSOLUTA16-G3</td>
<td>2</td>
</tr>
<tr>
<td>ABSOLUTA42</td>
<td>1</td>
</tr>
<tr>
<td>ANT5-02</td>
<td>19</td>
</tr>
<tr>
<td>ANT5-15</td>
<td>19</td>
</tr>
<tr>
<td>AS-100</td>
<td>4</td>
</tr>
<tr>
<td>B-TEL GT</td>
<td>19</td>
</tr>
<tr>
<td>B-TEL2</td>
<td>20</td>
</tr>
<tr>
<td>BAW</td>
<td>24</td>
</tr>
<tr>
<td>BGS-220</td>
<td>17</td>
</tr>
<tr>
<td>BGSM-100/120 GSM/GPRS Universal Communicator</td>
<td>18</td>
</tr>
<tr>
<td>BMD-707</td>
<td>23</td>
</tr>
<tr>
<td>BMD501</td>
<td>22</td>
</tr>
<tr>
<td>BMD503/BMD504</td>
<td>22</td>
</tr>
<tr>
<td>BOSS</td>
<td>25</td>
</tr>
<tr>
<td>BSS</td>
<td>25</td>
</tr>
<tr>
<td>BXM12</td>
<td>24</td>
</tr>
<tr>
<td>CALL</td>
<td>21</td>
</tr>
<tr>
<td>CLASSIKA LCD</td>
<td>12</td>
</tr>
<tr>
<td>CLASSIKA LED</td>
<td>12</td>
</tr>
<tr>
<td>Control panels Compatibility Chart</td>
<td>9</td>
</tr>
<tr>
<td>ECLIPSE 2</td>
<td>12</td>
</tr>
<tr>
<td>GB08</td>
<td>23</td>
</tr>
<tr>
<td>IR360</td>
<td>23</td>
</tr>
<tr>
<td>K-NET</td>
<td>20</td>
</tr>
<tr>
<td>KMC10 (868 MHz)</td>
<td>15</td>
</tr>
<tr>
<td>KMC20 (868 MHz)</td>
<td>15</td>
</tr>
<tr>
<td>KMD20 (868 MHz)</td>
<td>14</td>
</tr>
<tr>
<td>KMD20NP (868 MHz)</td>
<td>14</td>
</tr>
<tr>
<td>KRC10 (868 MHz)</td>
<td>14</td>
</tr>
<tr>
<td>KRP10 (868 MHz)</td>
<td>15</td>
</tr>
<tr>
<td>KSD20 (868 MHz)</td>
<td>15</td>
</tr>
<tr>
<td>KYO</td>
<td>8</td>
</tr>
<tr>
<td>KYO Unit</td>
<td>7</td>
</tr>
<tr>
<td>KY032</td>
<td>6</td>
</tr>
<tr>
<td>KY0320</td>
<td>6</td>
</tr>
<tr>
<td>KY0320</td>
<td>6</td>
</tr>
<tr>
<td>KY032G</td>
<td>6</td>
</tr>
<tr>
<td>KY04</td>
<td>7</td>
</tr>
<tr>
<td>KY08GW</td>
<td>7</td>
</tr>
<tr>
<td>KY08W</td>
<td>7</td>
</tr>
<tr>
<td>LADY</td>
<td>21</td>
</tr>
<tr>
<td>M touch</td>
<td>11</td>
</tr>
<tr>
<td>MINIPROXI</td>
<td>12</td>
</tr>
<tr>
<td>NORMA</td>
<td>9</td>
</tr>
<tr>
<td>PREMIUM</td>
<td>12</td>
</tr>
<tr>
<td>PREMIUM LCD</td>
<td>11</td>
</tr>
<tr>
<td>PROXI</td>
<td>12</td>
</tr>
<tr>
<td>PROXI-CARD</td>
<td>12</td>
</tr>
<tr>
<td>PROXI-TAG</td>
<td>12</td>
</tr>
<tr>
<td>RAY</td>
<td>23</td>
</tr>
<tr>
<td>RILED</td>
<td>23</td>
</tr>
<tr>
<td>SAT2</td>
<td>12</td>
</tr>
<tr>
<td>SUR-GARD SYSTEM II</td>
<td>20</td>
</tr>
<tr>
<td>VECTOR VRX32-433</td>
<td>13</td>
</tr>
<tr>
<td>VECTOR VRX32-433EN</td>
<td>13</td>
</tr>
<tr>
<td>VECTOR/QUAD</td>
<td>14</td>
</tr>
<tr>
<td>VECTOR/RX8</td>
<td>13</td>
</tr>
<tr>
<td>VRP-433</td>
<td>14</td>
</tr>
<tr>
<td>WAVE</td>
<td>21</td>
</tr>
</tbody>
</table>

Index
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