



# IntuiKey Series Keyboards



- ▶ **Control matrix, DVR, and IP video products with one keyboard**
- ▶ **Soft keys allow for product-specific menus**
- ▶ **Backlit keys and easy-to-read displays**
- ▶ **Simplified system programming with an intuitive interface**
- ▶ **Multilingual support**
- ▶ **Plug-and-play with Bosch Switchers, DVRs, Multiplexers, and IP solutions**
- ▶ **Optional PC software supports customizable Allegiant command script programming**

The IntuiKey Series keyboards are full function, multipurpose keyboards used for system control and programming. The IntuiKey includes an integral variable speed pan/tilt/zoom (PTZ) joystick and a splash resistant design. An optional rack mount kit allows the IntuiKey to be mounted in a standard EIA 48 cm (19 in.) rack.

## Functions

The IntuiKey Digital Keyboard is available in two models, KBD-Universal and KBD-Digital. The Universal version can be connected to an Allegiant switcher and either Divar Digital Video Recorders or System4 Multiplexers at the same time. This capability eliminates the need for multiple keyboards. The KBD-Digital version supports Divar Digital Video Recorders and System4 Multiplexers. Both types can be used with the Bosch VMS and with the VIDOS video management systems.

The IntuiKey accepts both the standard Allegiant RS-485 Keyboard protocol and the Allegiant RS-232 protocol. The Allegiant RS-232 Keyboard protocol is well suited when communicating to a remote KBD-Universal over an IP network.

The IntuiKey can also operate in a Terminal mode using a special RS-232 protocol. This mode allows third-party integrators and internal developers to use the IntuiKey as a customizable user interface.<sup>1</sup>

The main Allegiant switcher, the Divar Digital Video Recorder, or the System4 Multiplexer provides power when used in a local configuration. At remote distances, an optional auxiliary power supply (sold separately) provides power.

The keyboard is connected to a system using a supplied 3 m (10 ft) cable. Simply attach the keyboard and the system is operational. No additional programming is required.

The IntuiKey's soft keys provide a menu-driven system for ease of use. The soft keys make it easy for new operators to program and control even the largest systems without memorizing system commands.

The IntuiKey features a quick selection menu function, providing immediate access to the most commonly used screen displays.

The IntuiKey also features a user-friendly menu tree approach for programming all advanced system and camera settings. Languages available via the IntuiKey unit are English, Spanish, Dutch, French, German, Italian, Polish, Portuguese, Turkish, Hungarian, Swedish, Finnish, and Danish. Additional languages can be downloaded

from the IntuiKey section of [www.boschsecurity.us](http://www.boschsecurity.us). The additional languages are: Norwegian, Greek, Czech, Russian, Slovak, Arabic, Simplified Chinese, Traditional Chinese, Korean, and Japanese.

1. Contact your local Bosch Security System sales representative for details about obtaining Terminal mode protocol information.

### Certifications and Approvals

Region	Certification
Europe	CE DEKLARACJA ZGODNOŚCI EC KBD-DIGITAL/UNIVERSAL DEKLARACJA ZGODNOŚCI EC KBD-MUX/UNIVERSAL
Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations
Product Safety	Complies with CE regulations, UL, CSA, EN, and IEC Standards

### Technical Specifications

#### Electrical

##### Operating Voltage

12–15 VAC/DC (supplied by one, or a combination of Allegiant switchers, Divar Digital Video Recorder, System4 Multiplexers, or optional power supply)

Power	5 W nominal
Allegiant Signal	RS-485: 2-wire, 9600 Baud, 8 bits, no parity, 1 stop bit RS-232: 3-wire, 9600 Baud, 8 bits, no parity, 1 stop bit
Mux/DVR Signal	RS-485: 2-wire, 19,200 Baud, 8 bits, no parity, 1 stop bit
Terminal Mode Signal	RS-232: 3 wire, 9600 Baud, 8 bits, no parity, 1 stop bit
Console Signal	RS-232 RTS/CTS handshaking, 19,200/57600 Baud, 8 bits, no parity, 1 stop bit

#### Mechanical

Construction Finish	Charcoal
Width	327 mm (12.9 in.)
Depth	190 mm (7.5 in.)
Height	75 mm (2.9 in.)
Weight	1.1 kg (2.6 lb)
Allegiant Connector	RJ-11 data/power
Mux/DVR Connector	RJ-11 data/power
Aux Power Connector	Bayonet plug (optional)
Console Connector	Male, 9-pin D-sub

#### Environmental

Enclosure	Splash-resistant
<b>Temperature</b>	
Operating	0°C to 50°C (32°F to 122°F)
Storage	-20°C to 50°C (-4°F to 122°F)
Relative Humidity	10%–90%, non-condensing

#### Compatibility

Allegiant	Backwards compatible with all systems using variable speed protocol (CPU firmware 5.3 and higher, released 6/94)
Divar	All models
System4	Backwards compatible with all System4 Multiplexers
BVMS	Version 1.10 or later
VIDOS	Version 3.0 or later

#### Optional Software

**IntuiKey Script Application (ISA)**  
The IntuiKey Script Application is a PC-based software program used to customize the macro buttons in the Command Script menu screens of the KBD-Universal model keyboard. Command Script macro functions are applicable when the keyboard is connected to an Allegiant series matrix switcher.

Requirements	Pentium-class PC with Windows NT, 2000, XP, Vista (32 or 64 bit), or Windows Server 2003; One (1) serial port; IntuiKey firmware v1.94 or later
Availability	Download software from the IntuiKey section at <a href="http://www.boschsecurity.com">www.boschsecurity.com</a>

Pentium is a registered trademark of Intel Corporation.

Windows, Windows XP, Windows 2000, Vista and Windows NT® are registered trademarks of Microsoft Corporation.

Allegiant, Divar and System4 are registered by Bosch Security Systems, Inc. in the US Patent Trademark Office.

## Ordering Information

<b>KBD-Universal Keyboard</b> IntuiKey Universal Keyboard for use with Allegiant, Divar, System4 Multiplexers, Bosch VMS, and VIDOS	<b>KBD-UNIVERSAL</b>
<b>KBD-Digital Keyboard</b> IntuiKey Digital Keyboard for use with Divar Digital Video Recorders, System4 Multiplexers, Bosch VMS, and VIDOS	<b>KBD-DIGITAL</b>
<b>Accessories</b>	
<b>KBD-120PS Power Supply Unit</b> 120 VAC/12 VDC, 600 mA, 50/60 Hz power supply and power cable	<b>KBD-120PS</b>
<b>KBD-220PS Power Supply Unit</b> 220-240 VAC/12 VDC, 600 mA, 50/60 Hz power supply and cable	<b>KBD-220PS</b>
<b>LTC 8557/50 Keyboard Extension Kit</b> Hook-up kit for remote keyboard, up to 1.5 km (5000 ft), includes power supply for 230 VAC, 50 Hz	<b>LTC 8557/50</b>
<b>LTC 8557/60 Keyboard Extension Kit</b> Hook-up-kit for remote keyboard, up to 1.5 km (5000 ft), includes power supply for 120 VAC, 60 Hz	<b>LTC 8557/60</b>
<b>LTC 8558/00 Keyboard Cable</b> length 30 m (100 ft)	<b>LTC 8558/00</b>
<b>KBD-RACK</b> Rack mount kit for KBD-Universal and KBD-Digital, 48 cm (19 in.) EIA standard rack unit; W x H: 428 x 220 mm (19 x 8.75 in.); 1 kg (2 lb)	<b>KBD-RACK</b>

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