

IntuiKey Series Keyboards

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Invented for life



- ▶ 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

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.¹ 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. 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

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

Region	Certification
Europe	CE

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
Temperature	
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 www.boschsecurity.com

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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

KBD-Universal Keyboard

IntuiKey Universal Keyboard for use with Allegiant, Divar, System4 Multiplexers, Bosch VMS, and VIDOS
Order number **KBD-UNIVERSAL**

KBD-Digital Keyboard

IntuiKey Digital Keyboard for use with Divar Digital Video Recorders, System4 Multiplexers, Bosch VMS, and VIDOS
Order number **KBD-DIGITAL**

Accessories

KBD-120PS Power Supply Unit

120 VAC/12 VDC, 600 mA, 50/60 Hz power supply and power cable

Order number **KBD-120PS**

KBD-220PS Power Supply Unit

220-240 VAC/12 VDC, 600 mA, 50/60 Hz power supply and cable

Order number **KBD-220PS**

LTC 8557/50 Keyboard Extension Kit

Hook-up kit for remote keyboard, up to 1.5 km (5000 ft), includes power supply for 230 VAC, 50 Hz

Order number **LTC 8557/50**

LTC 8557/60 Keyboard Extension Kit

Hook-up-kit for remote keyboard, up to 1.5 km (5000 ft), includes power supply for 120 VAC, 60 Hz

Order number **LTC 8557/60**

LTC 8558/00 Keyboard Cable

length 30 m (100 ft)

Order number **LTC 8558/00**

KBD-RACK

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)

Order number **KBD-RACK**

Software Options

Order number **KBD-SFTCFG**

Represented by:

Americas:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
al.securitysystems@bosch.com
www.boschsecurity.com