BOSCH

Invented for life

KBD Series 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 allows for customizable keys for use with Allegiant command scripts

The IntuiKey Series digital 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 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 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-Universal is also used in ADIM system configurations that integrate digital video recorders with an Allegiant switcher. The KBD-Digital

version supports Divar Digital Video Recorders and System4 Multiplexers. Both types can be used with the VIDOS video management system.

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 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, French, German, Dutch, Italian, Polish, and Portuguese. Additional languages can be downloaded from the IntuiKey section of www.boschsecurity.us. The additional languages are: Czech, Russian, Slovak, Simplified Chinese, Traditional Chinese, and Korean.

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

Technical Specifications

Electrical

Operating Voltage

12-15 VAC/DC (supplied by one, or a combination of Allegiant switchers, Divar Digital Video Recorder, System4 Multiplexers, and/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
VIDOS	Version 3.0 or later

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

Ordering Information

Model | Description

KBD-Universal
IntuiKey Universal Keyboard for use with LCD Displays for Allegiant, Divar and System4 Multiplexers

KBD-Digital
IntuiKey Digital Keyboard for use with Divar Digital Video Recorders and System4 Multiplexers

Hardware Accessories

KBD-120PS Power Supply Unit
120 VAC/15 VDC, 600 mA, 50/60 Hz power supply and power cable

KBD-220PS Power Supply Unit
220-240 VAC/15 VDC, 600 mA, 50/60 Hz power supply and cable

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

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

LTC 8558/00 Keyboard Cable
length 30 m (100 ft)

KBD-RACK
Rack mount kit for KBD-Universal and KBD-Digital, 48 cm (19 in.)

Software Options

KBD-SFTCFG
Configuration software for KBD series keyboards