



## Description

The multi-function keyboard controller, EKB500 is designed to control speed domes, DVRs, cameras, monitors and security devices like access control. The EKB500 keyboard controller provides a user friendly interface which allows preferential programming extending the units flexibility. Local alarm signals can be carried out to a remote operation center through two RS-485/232 paths. The alarm signals can be customized to connect the different devices.

There are 3 hot keys for calling the camera, DVR and monitor functions, allowing you to switch functions without interruption. The EKB500 keyboard controller is capable of controlling a speed dome's pan and tilt movement with variable speeds from 0.1/sec to 360/sec as well as its zoom, focus and iris. Most commands can be easily performed by a one-touch button. Up to 8 EKB500 multi-function keyboard controllers can be cascaded to control simultaneously from distant places.

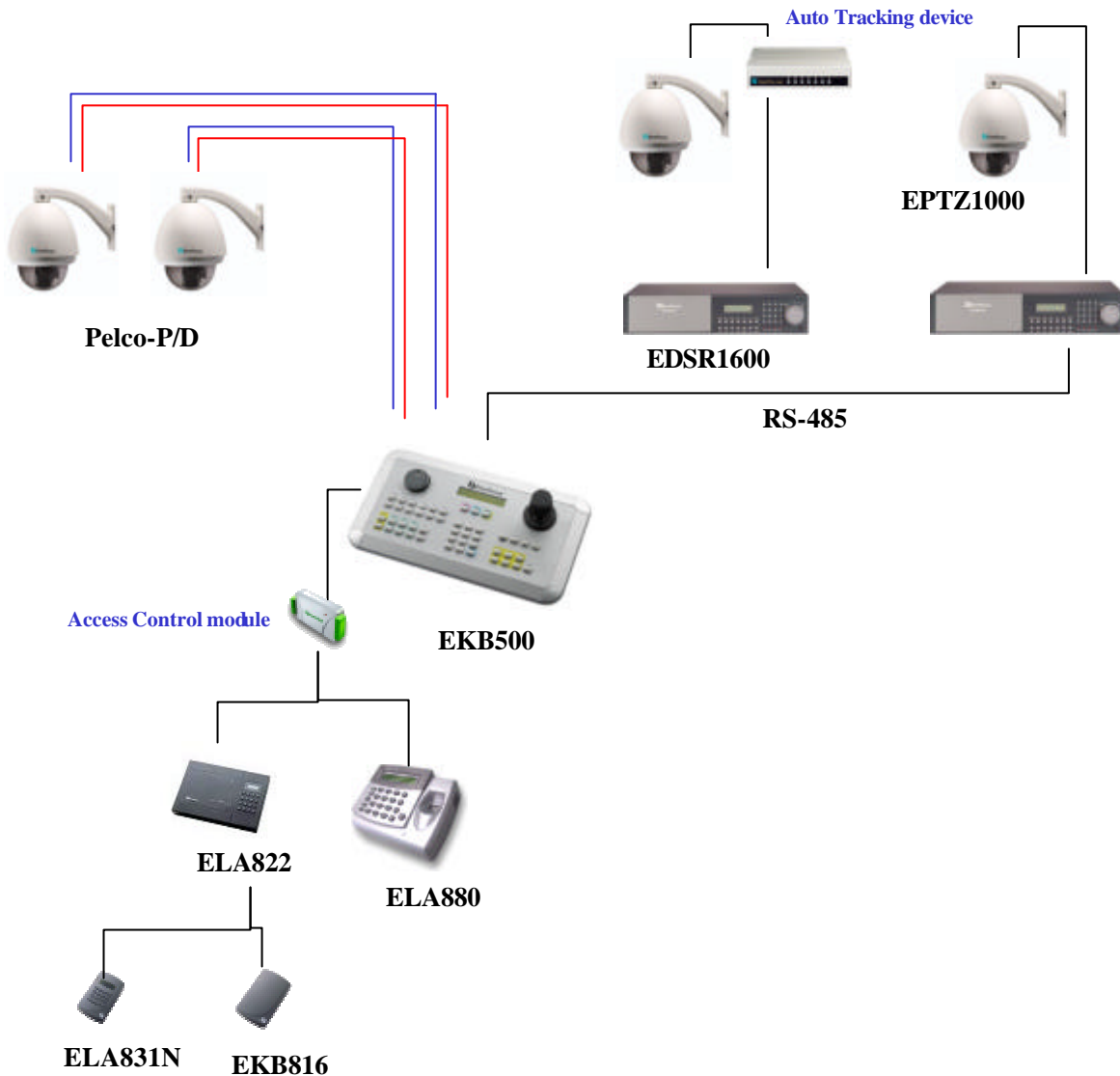
EverFocus believes even the most powerful system is pointless if it isn't easy to install, configure, and easily operate. EKB500's easy installation and simple operations give you an excellent solution to integrate and control security devices.

## Features


- ✂✂* **Capable of Controlling Speed Dome camera, DVR, Access Control and Monitor**
- ✂✂* **3D Joystick Control of PTZ function**
- ✂✂* **LCD Display (20 x 2 lines)**
- ✂✂* **Multi-Protocol Support (Everfocus\_enhance protocol; Pelco P/D)**
- ✂✂* **Jog Shuttle Control of DVR**
- ✂✂* **Password protection to prevent unauthorized intruder**
- ✂✂* **Customized, upgradeable firmware for specific applications**
- ✂✂* **Matrix control (EverFocus DVR series products)**
- ✂✂* **Ergonomic buttons placement with sound indication for easy usage**
- ✂✂* **Access OSD form of connected devices with control key mapping**
- ✂✂* **Two independent Communication ports with selectable baud rate from 1200 bps to 38400 bps**
- ✂✂* **Naming of connected camera for easy reorganization**
- ✂✂* **Auto tracking by external signal processor unit**
- ✂✂* **Optional integration with alarm inputs of Access Control devices**

<b>Mode</b>	<b>EKB 500</b>
Input Voltage	DC 12V
Power Consumption	10W
Device Control	PTZ Speed Dome, DVR, Access Control & Monitor
Protocols	Pelco-D, Pelco-P, EverFocus_Enhance Protocols
Remote Control	RS-232/RS-485
Baud Rate	1200~38400
LCD Display	20 x 2 Characters
Integration	Up to 8 keyboard cascading connection
Auto Surveillance	Position, Tour, Auto Pan
Wiring Box	Yes
Operating Temperature	0 ~40
Operating Humidity	< 95%
Dimension	380(W) x 180(H) x 95(D)
Weight	1.5Kg

**Application Diagrams**



**Ordering information**

<b>EKB500</b>	
	<b>EKB500, Multi-Function keyboard controller, NTSC/ 2-flat plug with 110~220V switching power</b>
	<b>EKB500, Multi-Function keyboard controller, PAL/ 2-round plug with 110~220V switching power</b>

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***EverFocus Electronics Corp.***

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