

# Multi-function Keyboard for DVRs and PTZs

A-MKB3010-P

## New Product Information ... Preliminary

### Multi-function keyboard for DVR and PTZ

extraordinary feature list

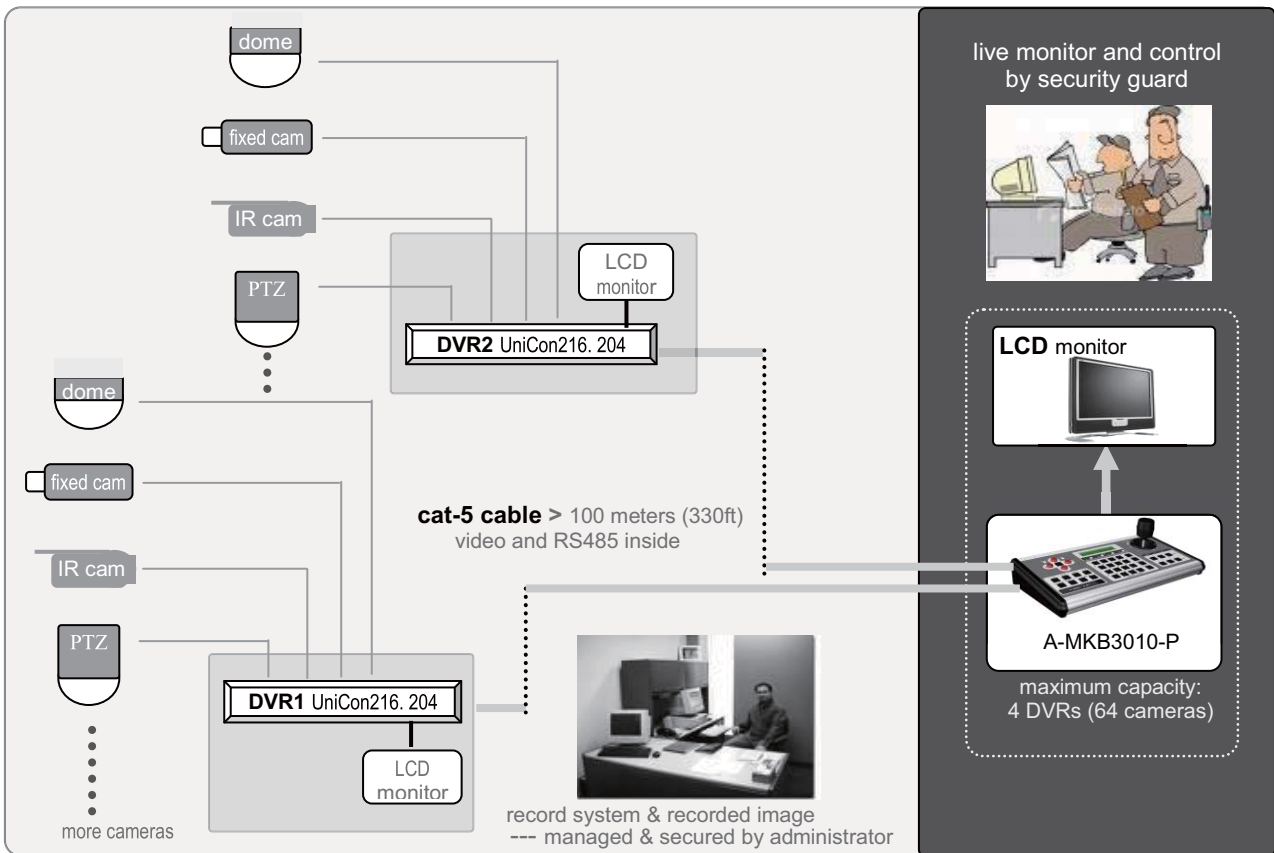
1. Integrated design for DVR control and monitor
2. Also the PTZ camera controller
3. 3-D joystick for pan-tilt and zoom control
4. Direct buttons for preset and auto-run access
5. 4 dedicated buttons for DVR selection
6. 4 UTP ports for receiving DVR image and control signal
7. BNC and VGA video out for displaying selected DVR
8. 4 loop-outs for continuous display of individual DVR
9. RS485 port for direct link to PTZ
10. Dedicated buttons for OSD menu operation
11. Cascading port for multi-spot system
12. Local alarm I/O

### A-MKB-3010-P.....Multiplexer + Key



MKB-3010 is a multi-function keyboard that can control 4 pieces of UniCon standalone DVR, and the cameras detailed to them, with image displayed at users' front. It is created primarily for the applications that require storing recorded information (in DVR) in secured location, while keeping security guards at post work properly.

The link between DVR and MKB-3010 is a simple Cat-5 cable, which running both of video and RS485..



This keyboard also provides RS-485 terminal that allows it be used as a traditional keyboard for direct PTZ control without going through the interfacing of DVR.

### **DVR control**

4 DVR-selection buttons are located at the upper-center of front panel for choosing the DVR and sending out image of corresponding DVR to the display.

Control logic and button arrangement for DVR functions are identical to those on the UniCon216 and 204.

Designated OSD control buttons (menu on and exit, up, down, left, right and OK) are located at the upper-left of front panel.

The rest of DVR buttons (play, record, pause, stop, forward, rewind...) are on the below of the OSD controls.

Channel selections are at center, sharing the preset selections of PTZ.

### **PTZ control**

Camera control buttons are on the right side of front panel.

The joystick on MKB-3010 is 3-dimensional for pan, tilt and zoom controls. Separated buttons for manual focus and iris adjustment are under the joystick, together with auto ON-off setups.

Preset and auto-run setup / recall functions share the buttons with DVR functions, Camera's OSD function, if available, is operated with the OSD control buttons, too. The mode selector is located on the lower-left side, with two status LEDs to indicate DVR or PTZ mode the control buttons are currently for.

### **Video out**

MKB-3010 will receive the video from each DVR hooked up to the UTP ports on its back, and forward those video signals to the 4 loop-out terminals (BNC), so user can monitor each DVR separately and simultaneously at distance.

Furthermore, two switched and paralleled video outputs, controlled by the DVR selector at the front panel, is also available on the back panel. The two outputs are categorized into one BNC jack for analog display, and one VGA terminal for computer monitor.

### **RS485**

A RS-485 port is supplied on back for linking to PTZ camera(s). This is for applications that don't need DVR control at remote, or the DVR's control does not match the MKB-3010.

### **Cascading**

The MKB-3010 can be cascaded for multi-spot application. Installation requires one simple Cat-5 cable only.