

Operating a video matrix should be easy and straightforward. The keyboards for the Ernitec System-X have been designed with that in mind all the way from the appearance of them to the layout of the keys, the functionality and the menu

structures. The ergonomically designed keyboards, specially designed for System-X, offers a range of features making the surveillance system very comfortable and precise to control.



The four variants of the System-X keyboard

There are 4 different versions available, the choice being between desktop and flush mount style and between two- or three-axis joystick.

| Designation | Description |
|-------------|--|
| K111DX | Desktop System-X keyboard with 2-axis joystick |
| K112DX | Desktop System-X keyboard with 3-axis joystick |
| K111FX | Flush-mount System-X keyboard with 2-axis joystick |
| K112FX | Flush-mount System-X keyboard with 3-axis joystick |

Features:

- Large back-lit graphical LCD display
- Choice of up to four languages
- 8 soft-keys for intuitive operation
- User-ID and password protected access
- Automatic activation of log-on macro to configure the monitors
- Operators can be assigned priority and user rights
- Auto log-off on keyboard preventing unauthorised access if keyboard is left unattended
- Quick camera step-up/down function

- Designed to be easy to use, ergonomically correct and pleasant to look at
- Choice of either desktop or flush-mount installation
- Choice of 2- or 3-axis joystick

Functions

User Access and Rights

The access to the keyboard is restricted by means of a user ID and a password. Up to 32 individual user ID's with unique 4-digit password, access rights and priority can be assigned in the keyboard.

Each user is assigned a user profile. The user profile allows restrictions on when the user has access to the system as well as which cameras the user is allowed to see.

Automatic Log-Off

If the keyboard is left idle for a period of time, the keyboard automatically logs the user off to prevent unauthorised access. The time it takes before the keyboard logs off automatically can be set between 1 and 99 minutes in steps of 1 minute. The automatic log-off can also be disabled.

Multilingual Display Text

The status information shown on the display can be in any of four languages. The installation software comes as standard with four languages, English,

French, German and Danish. However it is possible to make your own translations to other languages. The keyboard automatically selects the preferred language when an operator logs in. The operator may also manually select another language.

Soft-Keys

The keyboard includes 8 soft-keys, which change function depending on what the operator is doing. Icons on the display indicate the function of the keys.

Camera Control

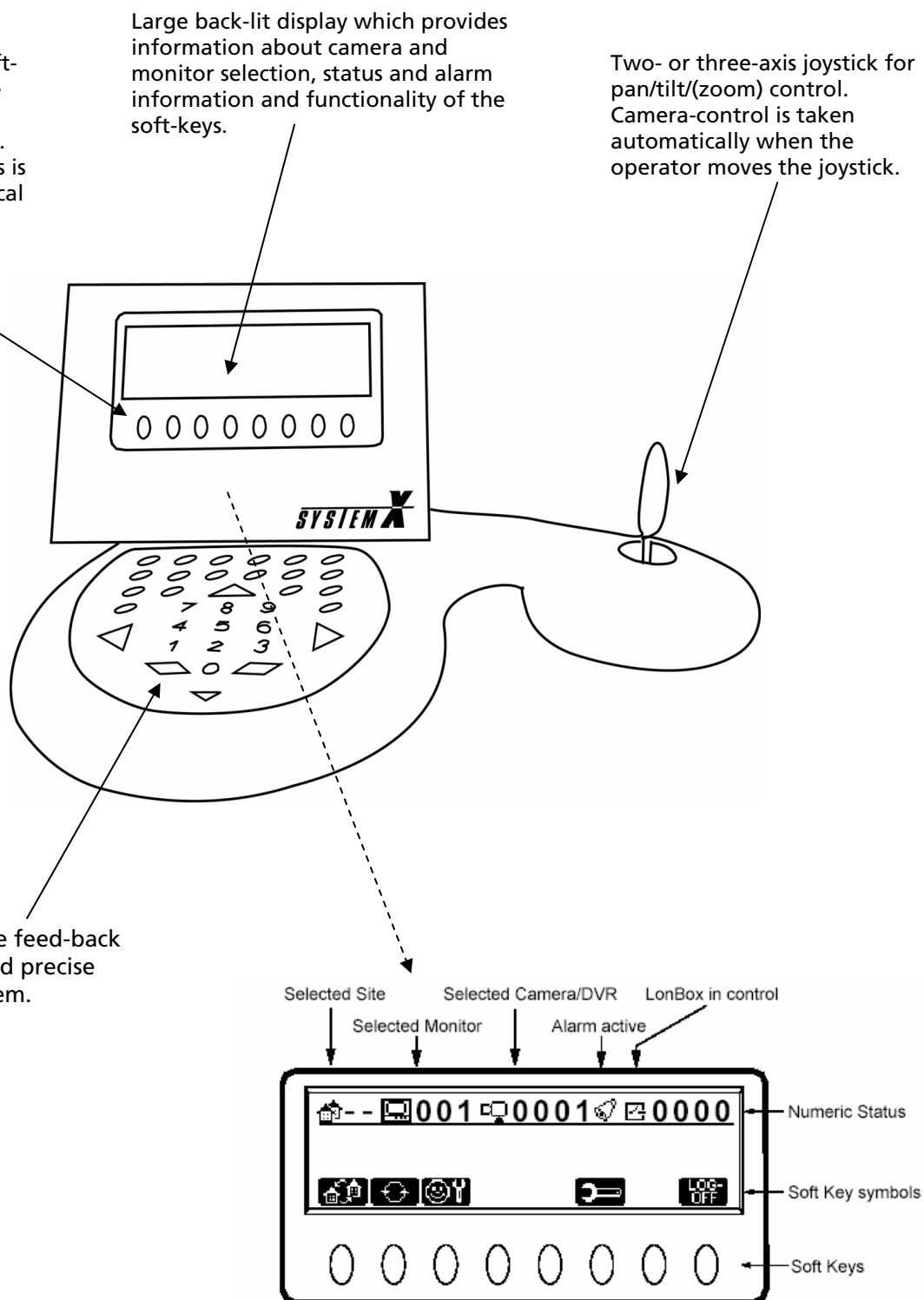
The operator automatically gets control over a PTZ camera simply by moving the joystick. This assumes no other operator is in control of that camera.

Function-dependent soft-keys. These keys change function depending on what the operator does. The function of the keys is indicated by the graphical symbol on the display.

Large back-lit display which provides information about camera and monitor selection, status and alarm information and functionality of the soft-keys.

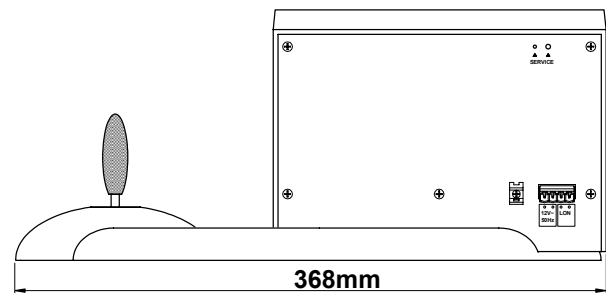
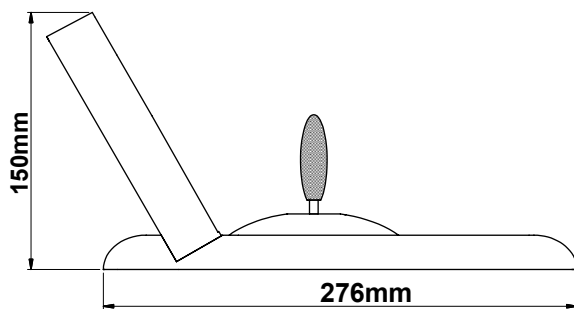
Two- or three-axis joystick for pan/tilt/(zoom) control. Camera-control is taken automatically when the operator moves the joystick.

Keypad with tactile feed-back providing quick and precise control of the system.



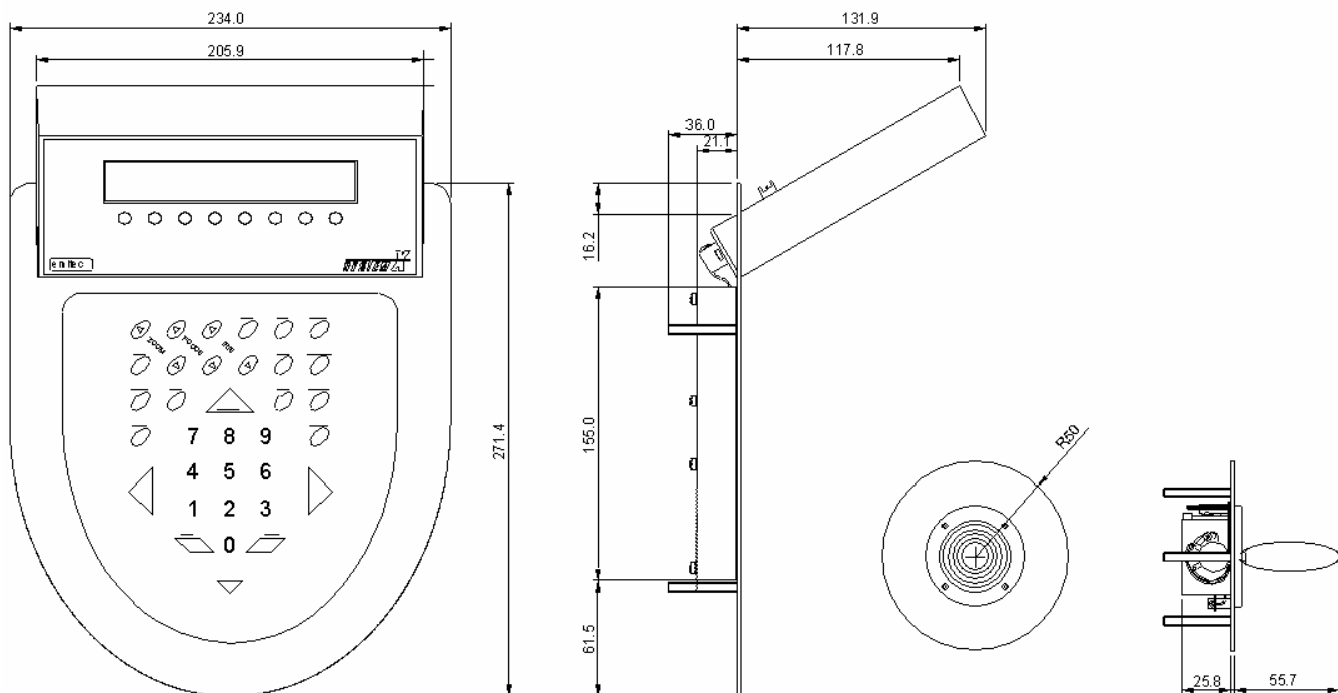
Specifications

| | |
|--|---|
| Functions | |
| Max. number of operators / user-ids per keyboard | 32 |
| Password length | 4 digits |
| Max. number of user profiles | 8 |
| Priority levels | 50 |
| Number of languages in keyboard | 4 of own choice |
| Time-out for automatic log-off | 1 to 99 minutes in steps of 1 min. |
| Interfaces | |
| Network interface | LONWORKS FTT-10A, 78 kbit/s |
| Environmental Specifications | |
| Power supply | 9 – 14 VAC / 260 mA @ 12VAC 230 VAC with supplied adapter 115 VAC adapter available on request. |
| Operating temperature | 0°C to 40°C / 32°F to 104°F |
| Humidity | < 85% |
| EMC | EN 50081-1 EN 50130-4 |
| Safety | EN 60950 External power adapter: EN 60742 |
| Weight | |
| - K111DX / K112DX | 2.0 kg / 4.4 lbs |
| - K111FX / K112FX | 2.4 kg / 5.3 lbs |
| Dimensions | Please refer to the following drawings |



All dimensions are in mm.

Dimensions for K111DX



All dimensions are in mm.

Dimensions for K111FX

LONWORKS, also known as LON, is a communication network. As opposed to TCP/IP (Ethernet), LONWORKS is designed for control applications such as building automation, transportation, home automation, security and other systems. For more information about LONWORKS, please refer to www.echelon.com.

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