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## **Application Note**

# **Ulisse Compact "Standard Pelco" configuration**

**Product: Ulisse Compact**

**Release: 1t**

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## ***Summary of Changes and Revisions***

<b>Date</b>	<b>Revision Nr.</b>	<b>Reason</b>
Nov 26, 2014	1.0	First Release

## ***Purpose***

This document contains generic information about products. These can be instructions that explain problem situations in the field, instructions on how to prevent or how to recover from problem situations, announcements about changes or preliminary information as requirements for new features or releases.

**The operations described inside the document have to be performed by skilled operators, with proper expertise on the dealt field of application (e.g. system installation/configuration, networking, appliances, etc.).**

Malfunctions and/or unexpected behaviour could rise if the described procedure is not operated properly. See **Disclaimer** for further information.

## ***Compatibility and Dependencies with other Products***

The procedure described here below only applies to Ulisse Compact family, with firmware version  $\geq 1t$

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## 1. Summary

With firmware release 1t, Ulisse Compact has a new protocol mode, called PelcoD STD, that was specifically introduced for Sightlogix customer. This protocol mode is a standard PelcoD communication protocol, but with some specific features:

- Format of checksum in ACK packets is in standard Pelco format: checksum of last packet received plus alarm status byte (instead of Videotec format: sum of all bytes except start byte FF and checksum byte)
- It is not possible to change checksum format from OSD menu
- It is not possible to disable ACK response from OSD menu
- Menu navigation: entering a sub menu is done through Iris Open command, exit from a sub menu is done through Iris Close
- Selection of possible values for a specific submenu: if value is a fixed string or a boolean value, it is selected with left/right keys, otherwise (numeric value and dynamic strings) with up and down keys

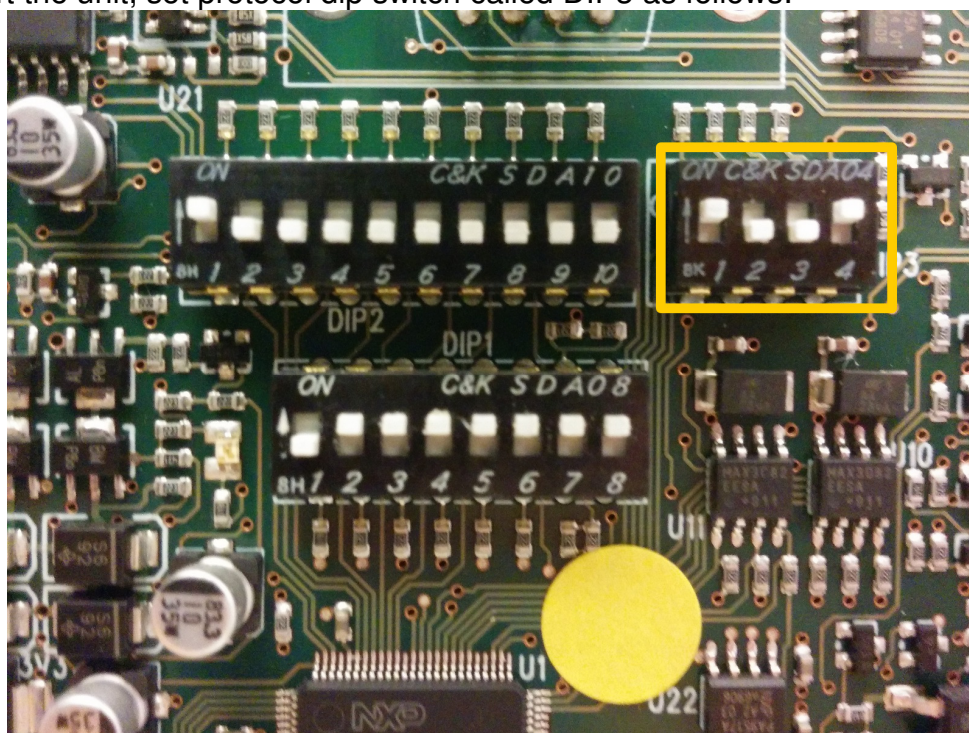
## 2. Detailed Description and Instructions

### 2.1. Firmware check

Firmware must be at least at release 1t (you can check it at startup screen).

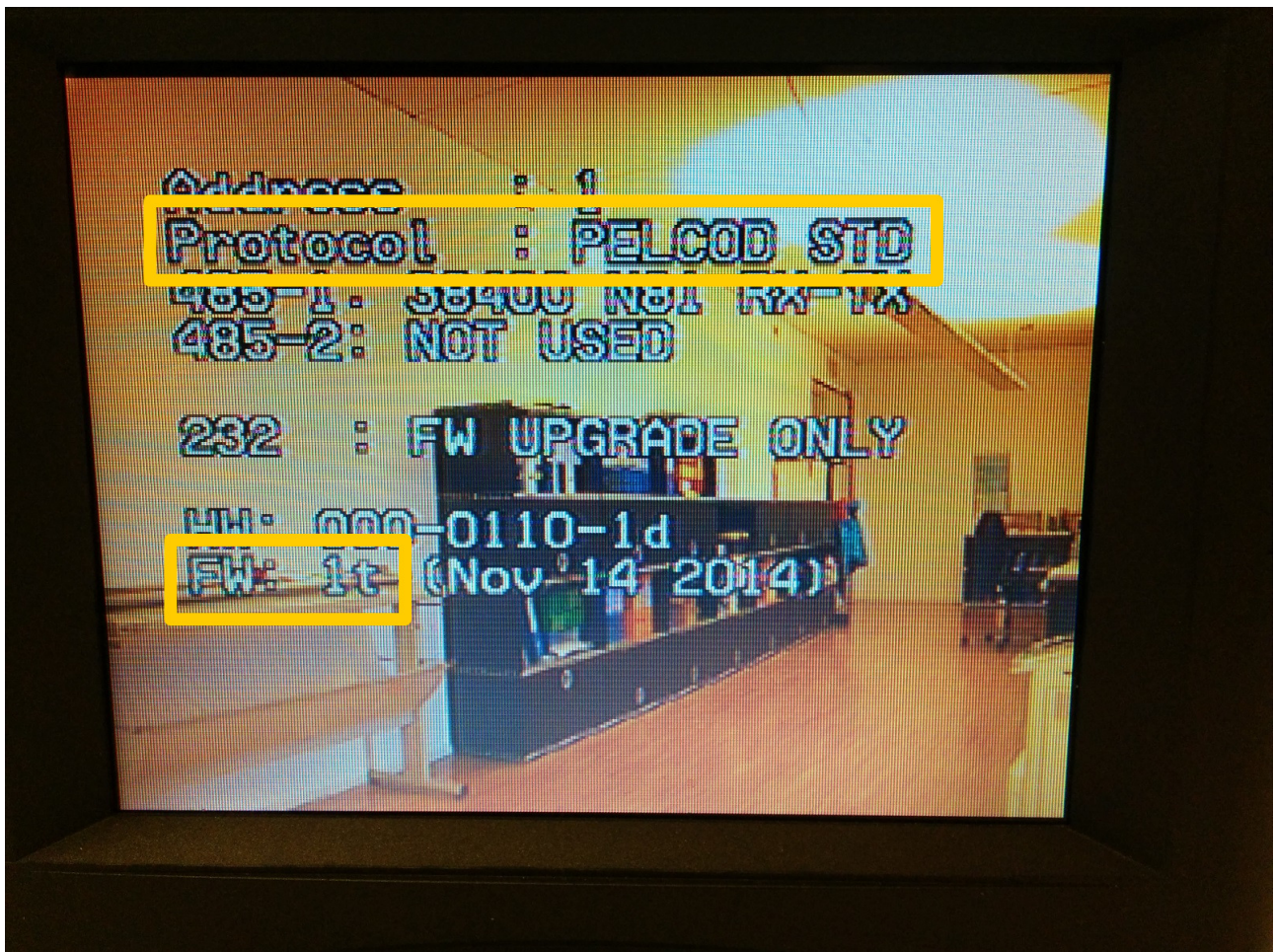
### 2.2. Dipswitch configuration

Before start the unit, set protocol dip switch called DIP3 as follows:





Then start the unit. At startup, the OSD should show "PELCOD STD" (you must see same information when entering configuration mode, through dip switch 1 set to ON in DIP 1 dipswitch block).



### 3. Acronyms

OSD

On Screen Display

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