

## CMOS Camera Module

### Revision History

Revision	Date	Description	Author
1	03/11/04	Initial release	IL

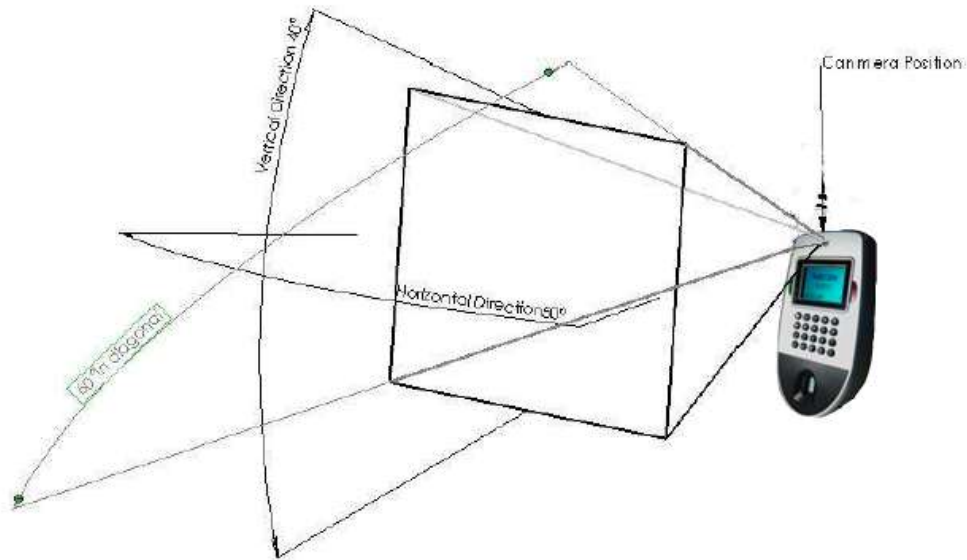
## 1. Introduction

ACTAttek provides build in cmos camera feature to avoid buddy punching problem which most common available devices currently have.

Photo will be taken during every sinlge successful authentication (Fingerprint, smart card or password). The latest 100 photos (resolution: QVGA. 320 x 240) are stored in the ACTAttek.

## 2. Specifications

- VGA 640 x 480 sensor
- 1/4" double lens
- camera viewing angle: The horizontal viewing angle is about 49 degrees. The vertical viewing angle is about 38 degrees. Please also refer to the drawing below.



### **3. Features**

- Automatic exposure control
- Automatic white balance
- Automatic flicker cancellation
- 2x electronic zoom (default is no zoom)
- Brightness, contrast, saturation
- photo sizes selection, 640 x 480, 320x240, 160x120 (default is 320x240).