



Developing product (Not yet decided)

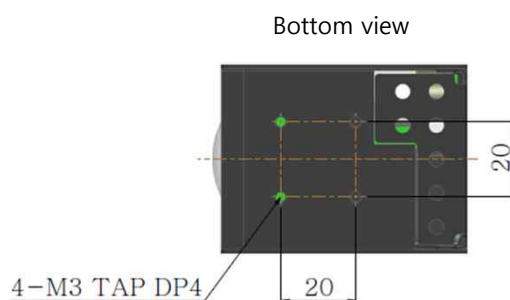
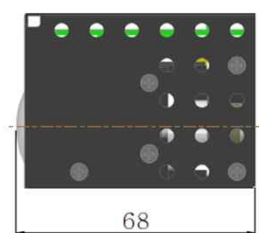
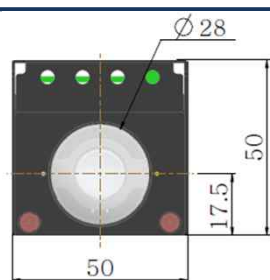
## Features

- Covered distance : **500m**
- Typical wavelength : **860nm**, (945nm, Option)
- Fan angle : **1.4°~60°**
- Optical power : **4W VCSEL**
- Beam shape : **Circular**
- Weight : **320g**
- Operating voltage : **DC 12V**
- Protocol interface : **RS485, RS232**
- Matching the camera angle
- High reliability
- Long life time
- Uniform beam intensity

## Description

The VM series laser illuminator is high performance integrated with high quality VCSEL chip and Excellent optics design, and outstanding circuit control with high efficiency.  
It has big angle zooming, which can match the field view angle of cameras.  
User can control the beam angle by controlling a motor that enables to move a optical lens.  
It can be widely used in PTZ camera and Speed dome camera.

## Drawings



## Specifications

### Optical

Wavelength(nm) : 860±15 % (945, Option)

Optical Power : 4W

Fan Angle : 1.4°~60°

### Electrical

Operating Voltage(DC V) : 12±5%

Operating Current(A) : 2.0 (max.)

Operating Temp.(°C) : -30~+60

Storage Temp.(°C) : -40~+70

### Mechanical

Dimension(mm) : 50× 50× 68

Weight(Kg) : 320g

Housing Material : Aluminum and steel