



SM1408SE-C12

Information

PD No.
PD Line

CP-
LEO SM Series

Tools

Vision Tool

Existence, Count, Measurement,
Recognition

Solution Capacity

Supports solution importing and exporting, up to
32 solutions and 40 modules can be stored.

Communication Protocol

RS-232, TCP, UDP, FTP, PROFINET,
Modbus, EtherNet/IP

Sensor

Sensor Type

CMOS

Sensor Size

1/2.9"

Shutter

Global Shutter

Resolution

1408 px x 1024 px

Pixel size

3.45 μm x 3.45 μm

Frame Rate

60 fps

Mono/Color

Color

Image Format

Mono 8, RGB 8

Dynamic Range

71.4 dB

Exposure Time

16 μs ~ 1 sec

Camera Data

Ethernet

Fast Ethernet (100Mbit/s)

Digital I/O

Input signal x 2, output signal x 3, bi-
directional I/O x 3, and external button input x
1. Output signal can be set as NPN or PNP

Power Consumption

24 VDC / 48W

Design

Dimension(L x W x H)

65.2 x 65.2 x 47 mm

Lens Mount

M12-Mount

Focal Length

6mm

Lens Cap

Transparent lens cap. Polarization or infrared
filter lens cap is optional.

Light Source

14 LEDs White light by default. Red/blue/near-
infrared is optional. (optional 48 high-brightness
LEDs)

Temperature

0- 50°C (Working) , -30- 70°C (Storage)

Weight

280g

Software Environment

Driver , SDK

LEO SM Series Camera Secondary
Development Kit (SM-Datum)

Operating System

Windows