

SICOM3014GV

10+4G port Layer 2 Managed DIN-Rail Switch



» Overview

SICOM3014GV is equipped with 4 100/1000 SFP port and 10 10/100/1000Base-TX ports. SICOM3014GV supports wide operating temperature range from -40°C to 75°C, metal housing with IP30 protection class and redundant power inputs, becoming an economical and harsh-environment-resistant solution for video surveillance applications.

» Key Features

4 100/1000 SFP, 10 10/100/1000Base-TX ports

Wide temperature -40°C ~ +75°C

IP30

EMC level 3

CE, FCC

» Product Specifications

> Technical Specification -Standard

IEEE802.3

IEEE802.3u

IEEE802.3ab

IEEE802.3z

IEEE802.3x

IEEE802.1p

IEEE802.1Q

IEEE802.1w

IEEE802.1x

IEEE 802.3az

-Switch Properties

MAC Table 8K

Packet Buffer 4Mbit

Packet Forwarding Rate 1.5Mpps(per port)

Switching Delay <15us

Jumbo frame 9K

-Interface

Port

100/1000 SFP

10/100/1000Base-T(X), RJ45 port

-Managed Functions

Interface

CLI

WEB based managed interface

SNMP v1,v2,v3, Kyvision centralized management

Telnet

Fast recovery ring

DT-Ring, DT-Ring+, DT-VLAN with the recovery time<50ms

DRP with the recovery time<20ms

Spanning tree protocol

IEEE802.1d STP, IEEE802.1w RSTP, IEEE802.1s MSTP

LACP Support

VLANs

256

Port-based VLANs

IEEE 802.1Q tag-based VLANs

IEEE 802.1ad Double Tagging (Q in Q)

Multicast

IGMP v1,v2,v3

GVRP

Storm control

Multicast/Broadcast/Flooding Storm Control

Flow control

IEEE 802.3x and Back-Pressure

QoS

IEEE 802.1p QoS

Number of queues per port 8

Safety

HTTPs

SSH

IEEE 802.1x

Upgrade & Restore

Configuration import/export based on web

Firmware Upgrade based on web

Diagnostic

Syslog

Per VLAN mirroring

Ethernet Copper connection diagnostic tool

Link-check

MIB

RFC 1757 RMON 1,2,3,9

RFC 2674 Q-bridge MIB

RFC-1213 MIB-II

RFC-1493 bridge MIB

RFC 2233 IF MIB

LLDP IEEE 802.1ab

DHCP Support

SNTP/NTP Support

System status

Device/Ethernet port status

-LED

Front panel LED

PWR1,PWR2;

Ethernet port Link & Speed

-Power Requirements

Input voltage 12-58VDC

Power consumption <17W

Reverse protection Support

Redundancy protection Support

-Physical Characteristics

Housing Metal

Cooling Natural convection, fanless

Protection Class IP30

Dimension 108x154x61mm(W×H×D)

Weight 1.4Kg

Mounting

DIN-Rail or Panel Mounting

-Environment Limits

Operating temperature $-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

Storage temperature $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Ambient Relative Humidity 5 ~ 95% (non-condensing)

-Warranty

MTBF 25 years

Warranty 5 years

-Approvals

CE, FCC

-Industrial Standards

EMI

FCC CFR47 Part 15, EN55022/CISPR22, Class A

EMS

IEC61000-4-2(ESD) $\pm 6\text{kV}$ (contact), $\pm 8\text{kV}$ (air)

IEC61000-4-3(RS) 10V/m(80MHz ~ 2GHz)

IEC61000-4-4(EFT) Power Port: $\pm 2\text{kV}$; Data Port: $\pm 1\text{kV}$

IEC61000-4-5(Surge) Power Port: $\pm 1\text{kV}/\text{DM}$, $\pm 2\text{kV}/\text{CM}$; Data Port: $\pm 2\text{kV}$

IEC61000-4-6(CS) 10V(150kHz ~ 80MHz)

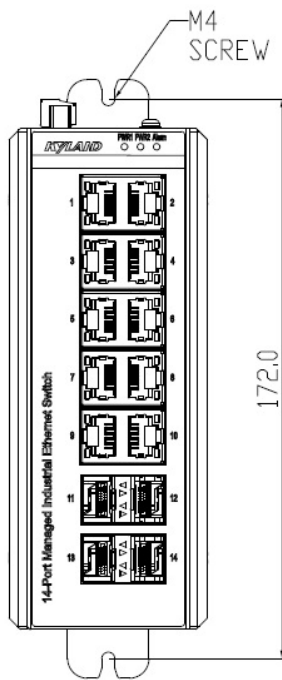
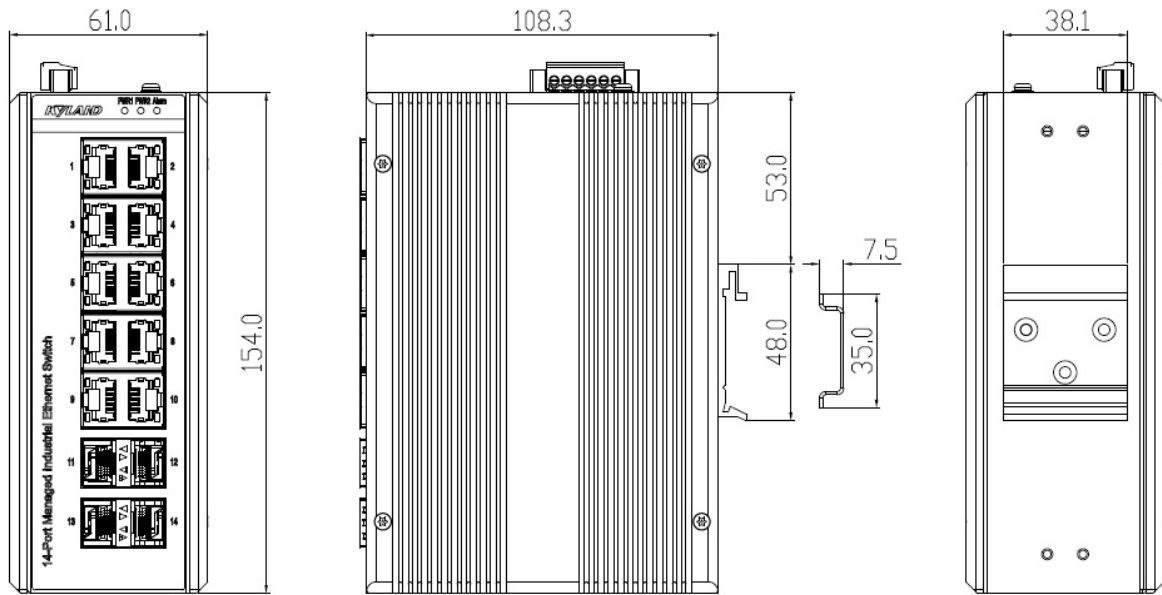
Machinery

IEC60068-2-27 (Vibration)

IEC60068-2-32 (Shock)

IEC60068-2-6 (Free Fall)

Mechanical Drawing



Ordering Information

SICOM3014GV-Ports-PS1-PS2

Ports

4GX10GE

PS1-PS2

L15-L15

Description

4 x 100/1000Base-X, SFP; 10 x 10/100/1000Base-T(X) ports

Power supplies

12-58VDC, redundant power inputs

Version:2018-10-19 22:31:39