PoE IP Encoder
PIE-1

PIE-1 is an encoder that converts analog relay outputs to original ASCII code (Redwall Event Code) for Redwall and Fiber SenSys detectors. Detectors can be connected to Video Management Software platforms with PIE-1 and control IP cameras.

PIE-1 is generating Redwall Event Code using the analog alarm inputs from the Redwall and Fiber SenSys detectors. Video Management Software receives the event code and sends a command to reposition to a pre-set and/or start recording with a camera.

PIE-1 is compatible with Power over Ethernet (PoE). IEEE802.3 af/at making it possible to supply power using a PoE hub or switch.

Only one LAN cable is needed to connect PIE-1 to a PoE hub or switch reducing your installation time and cost.

FEATURES

- ### Change Analog to IP
  PIE-1 changes analog relay output signals (N.C.) to original ASCII code.
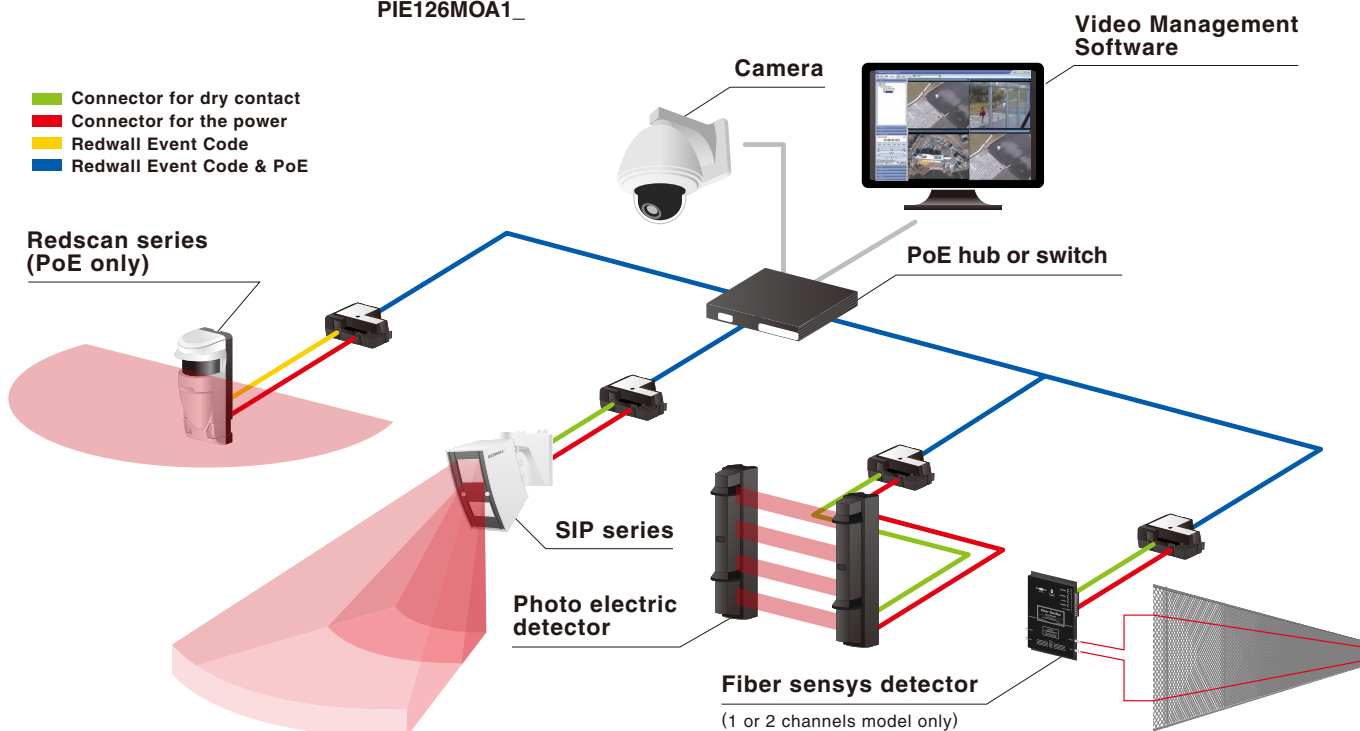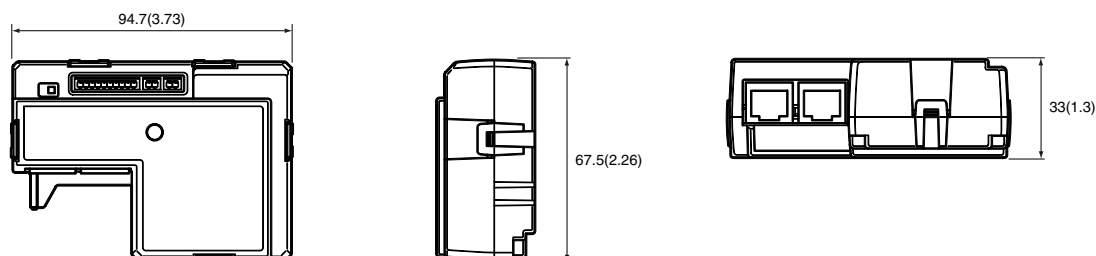
- ### Compatible with Power over Ethernet
  PIE-1 can supply power to detector using a PoE hub or switch.

SPECIFICATIONS

PIE-1	
Power supply	PoE (IEEE802.3af/at compliant)
Power output	24 VDC 800 mA max, 12 VDC 50 mA max
Signal input	5 input for dry contacts (N.C. only)
Place of use	Outdoor (Inside of the waterproof case)
Alarm output	Redwall Event Code (UDP / TCP)
Operating temperature	-40 to +60˚C (-40 to +140˚F)
Operating humidity	95%RH. max
Operation LED (Normal)	Green light is ON when the power is supplied by PoE
Operation LED (When communicating)	Yellow light blinks during communication
Switch	Ethernet converter / LAN through
Function setting	Use web browser
Dimension	67.5 mm x 94.7 mm x 33 mm (3.66" x 3.73" x 1.30")
Weight	270 g (8.8 oz: including all parts) Main unit: 90 g (3.2 oz)
Supported protocols	IPv4, ARP, UDP, TCP, ICMP, HTTP

Accessories
Power output cable x2, Alarm input cable x3, Installation instruction, Mounting plate for a Double Gang Box, Gasket sheet for Gang Box, Mounting Screws x6

∗ Specifications and design are subject to change without prior notice.

FEATURES

Control IP camera Via Video Management Software

IP camera

PIE-1

SIP Series

"PIE126" AND "A1" = Preset1

Detect!

Video Management Software

Preset1

Redwall Event Code
PIE126MOA1_

Go to Preset1

Video Management Software

Camera

- ▉ Connector for dry contact
- ▉ Connector for the power
- ▉ Redwall Event Code
- ▉ Redwall Event Code & PoE

PoE hub or switch

Redscan series
(PoE only)

SIP series

Photo electric
detector

Fiber sensys detector
（1 or 2 channels model only）

DIMENTIONS

94.7(3.73)

67.5(2.26)

33(1.3)

Unit: mm(inch)

OPTEX

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