

# ACCURANCE R1002

## Reverse detection system

OUTDOOR PROTECTION

INDOOR PROTECTION

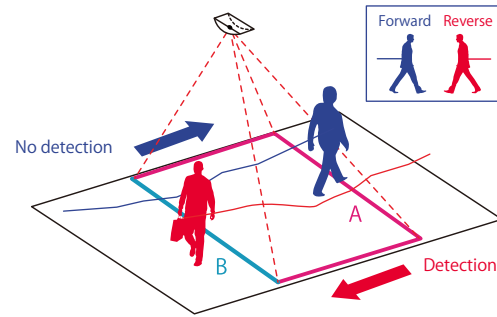
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ACCESS CONTROL

TECHNICAL INFORMATION



Reverse Detection System R1002 with a unique detection algorithm [ Vector Focal Method ] is designed to detect backward movement of human(s) in a specific area. The system is suitable for applications to catch a suspicious individual such as airports for an efficient facility management or security.



### FEATURES

#### — Accurate detection

An unique detection method [Vector Focal Method] grasps and tracks a shape of human sterically.

#### — Reverse detection

Grasp all human movements and detect only backward movement

#### — System corporation

Enable to be connected with an upper layer system by using no-voltage output from the control box.

### SPECIFICATIONS

Items	Specifications		Remarks
Detection Method	Vector Focusing Method		
Detection Accuracy	> 95% (by own criteria)		
Supply Voltage	Power over Ethernet IEEE 802.3 af		
Warm-up time	Approx. 45 sec.		
Power Consumption	Control box	10 W max.	
	Detection unit	10 W max.	
Indicator	Control box	Green	Power (lit)
		Red	Reverse detection (lit)
		Green / Red	Warm-up (lit) / Trouble (blinking)
	Detection unit	Green	Power (lit)
		Red	Reverse detection (lit)
		Orange	Warm-up (lit) / Trouble (blinking)
Dimensions	Control box	265 × 135 × 31 mm	(W × H × D)
	Detection unit	193 × 85 × 34 mm	(W × H × D)
Weight	Control box	800 g	
	Detection unit	220 g	
Operating Temperature	0 to 50°C		
Operating Humidity only under no condensation	< 80% RH		only under no condensation
Operating Illuminance only the outline of an object is shown	100 to 20,000 lux *1		only the outline of an object is shown
Install location	Control box	Wall / stationary	Interior only
	Detection unit	Ceiling	Interior only
Mounting Height	Detection unit	2.5 to 4.0 m	It may be limited by environmental conditions.
LAN wiring	CAT5e or larger		100 m max. in length
Ethernet	100Base-T(X)		Protocol : TCP/UDP(IPv4), ARP, ICMP or HTTP
Input terminal *2	Disable output Disable reverse detection [1] and [2]		
	Output reset Stop the outputs of reverse detection [1] and [2]		
Output terminal *2	Reverse detection [1]		Variable timer 0.2 to infinity
	Reverse detection [2]		
	Unit [1] detects Pulse output for reverse detection by unit [1]		
	Unit [2] detects Pulse output for reverse detection by unit [2]		
	Unit [3] detects Pulse output for reverse detection by unit [3]		
	Number of reverse detections		
Error		MOS FET relay N.O./N.C. no voltage 30 V DC 0.2 A or less (Resistibility load)	
			Pulse output for the number of reverse detection by unit [1]
			Pulse output for the number of reverse detection by unit [2]
			Pulse output for the number of reverse detection by unit [3]
			Pulse output for the number of reverse detection
			Output when disable to detect

\*1 R1002 always requires 100 lux or more.

\*2 Input/output relays can be selected N.O./N.C. by the dipswitch.

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