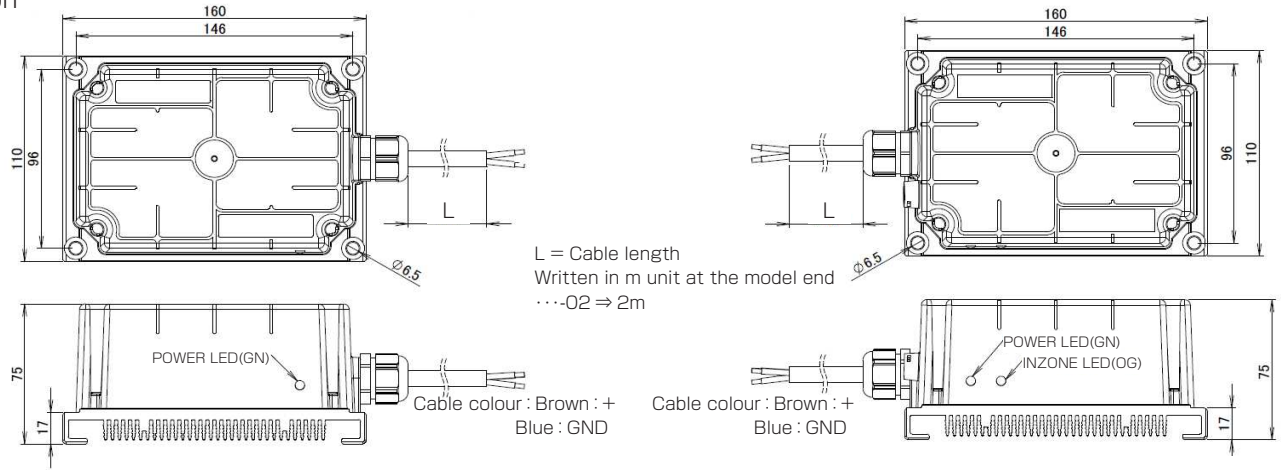


Remote Power supply system 120W Power Supply (12V type/ 24V type)

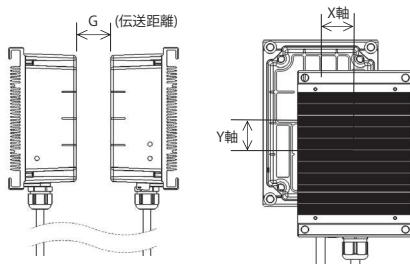
Dimension



Remote (Passive head)		
Output logic	12V type	24V type
Type code	RVT-433-110-PU-__	RVT-433-205-PU-__
Rating transmission distance	0...10mm	0...10mm
Center offset	±4mm	±4mm
Drive voltage	12V ± 5%	24V ± 2V
Drive current	Max 10A	Max 5A
LED (indication)	Green: POWER (output)	Green: POWER (output)
Operating temperature	0...+50℃	
Protection classtion	IP65	
Connecting cable	PUR / φ 8mm / 3x2.5 mm ²	
Materi- case	PPS	
al heat sink	Aluminum	
Weight	Body 1.6kg + Cable 150g/m	
Accessories	Ferrite core clamp 2pcs.	

Base (active head)	
Type code	RVE-433-2-PU-__
Power supply	24V DC ± 10% (incl. ripple)
Current consumption	≤ 8A
LED (indication)	Green: POWER (Electricity on by lightning) Orange: INZONE
Circuit protection	Reverse connection protection
Operating temperature	0...+50℃
Protection classtion	IP65
Connecting cable	PUR / φ 8.6mm / 3x2.5 mm ²
Materi- case	PPS
al heat sink	Aluminum
Weight	Body 1.6kg+Cable 150g/m
Accessories	Ferrite core clamp 2pcs.

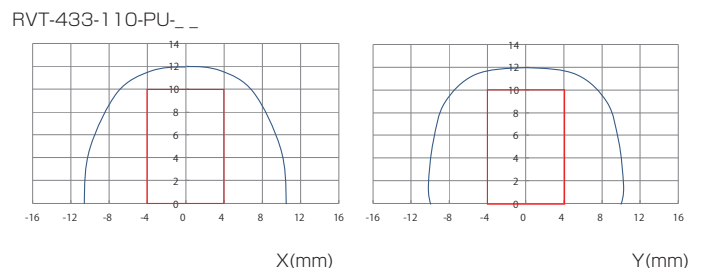
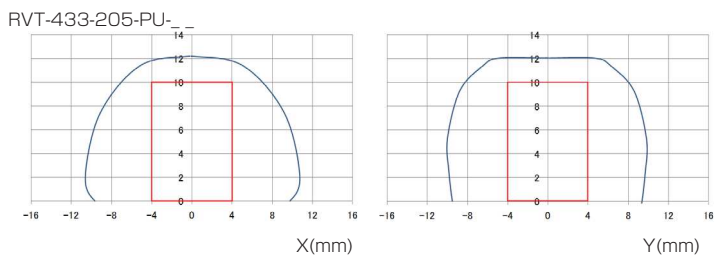
Center off-set and transmitting distance



Please install the base part and remote part with-in 4mm in their center offset of both X-axis and Y-axis.

Direction	Distance
G	≤ 10mm
X	± 4mm
Y	± 4mm

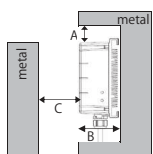
Transmitting area diagram



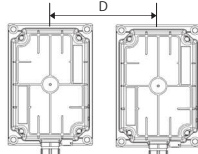
Blue (ex: Power Supply voltage 21.6V Time/Metal non implantation)
Red: Operating distance

installation condition

Surround Metal



Parallel Setting



In order to avoid influence of surrounding metal, or to avoid mutual influence between parallel-mounted sensors, keep the minimum free zone as described below.

Type code	A	B	C	D
RVE-433-2-PU-__			45	
RVT-433-110-PU-__	100	75		300
RVT-433-205-PU-__				

(mm)

< Note >

*To prevent malfunction or failure according to noise, please earth the heatsink to the flame ground.

*In order to meet the EMC(IEC61000-4-3. Radiated, radio-frequency, electromagnetic field immunity test), please attach the 2pcs. of ferrite core clamps, included in, within 20cm from the body by 2turns (1 winding)V.

*To extend the cable length, please use the sufficiently thick cable with taking account in the voltage drop.

*Please avoid facing the base part with metal continuously. By heating the metal, damage of inside element can be caused.

*Please take account in the inrush current to select the power supply.

*When facing a remote part and a base part a bit away from the transmitting area, the built-in relay in RVT-433 might repeatedly open and close. When both parts remain facing condition, we recommend to use within rated transmitting area to prevent to shorten their life.