


PoE Power Consumption List for Panasonic Security Cameras(1)

- 1-channel receiver side unit : All i-PRO cameras can be connected.
- 4-channel receiver side unit : Only one outdoor PTZ camera (PoE+) can be connected.
 - Up to three PTZ cameras (PoE), cameras with LED or heater can be connected. Up to four other cameras can be connected.
- If two or more cameras which are 4K, multi sensor (4K) or 9M 360-degree, are connected to the Coaxial-LAN Converters, please use 1-channel receiver side unit per one camera.


i-PRO EXTREME camera(1)

For models with IR-LED, the maximum power consumption when the IR LED is ON.


Type	Model no.	Power consumption (W)	Group
Outdoor PTZ camera	WV-X6531N *2 WV-X6511N *2 WV-X6531NS *2	25.00	PoE+ camera (Power consumption: 22 to 25 W) - You cannot be connected when the 1-channel receiver side unit is supplied power by PoE. - Only one camera can be connected when the 4-channel receiver side unit supplies PoE+ to the camera.
	WV-S6530N	22.00	
Multi-Sensor camera (4K)	WV-X8570N *3	12.95	(Power consumption: 10.1 W or more, and less than 13 W) - You cannot be connected when the 1-channel receiver side unit is supplied power by PoE. - Up to three cameras can be connected when the 4-channel receiver side unit supplies PoE to the cameras. - Only one camera which is 4K box(S1570L) or Multi-Sensor (4K) or Outdoor 9M 360-degree can be connected. *3
Outdoor 9M 360-degree camera	WV-X4571L *1*3	12.50	
Indoor PTZ camera	WV-S6131	12.00	
	WV-S6130	12.00	
Outdoor 5M 360-degree camera	WV-S4550L *1	11.50	
Outdoor 5M dome camera	WV-S2550L *1	10.60	
Outdoor 4K box camera	WV-S1570L *1*3	10.60	
Outdoor 5M box camera	WV-S1550L *1	10.10	
Multi-Sensor camera (FHD)	WV-S8530N	10.10	




Multi-Sensor camera




Outdoor 360-degree camera



Indoor PTZ camera



Outdoor 5M dome camera



Outdoor 5M box camera

*1: With IR-LED

*2: If you use Coaxial-LAN Converters with PoE+, a working temperature range is limited to -30 degrees Celsius (-22 degrees Fahrenheit) or more.
For more information, refer to the Installation Guide for i-PRO cameras that you use.





*3: Because of bandwidth limit, the 4-channel receiver side unit cannot be connected two or more cameras. Please use the 1-channel receiver side unit.

Some products have already been discontinued in above list. Please confirm those in details at our Web site.

PoE Power Consumption List for Panasonic Security Cameras(2)

i-PRO EXTREME camera(2)

For models with IR-LED, the maximum power consumption when the IR LED is ON.

Type	Model no.	Power consumption (W)	Group	
Outdoor dome camera	WV-S2531LTN *1 WV-S2531LN *1 WV-S2511LN *1	9.40	<p>Camera with LED/heater(Power consumption: Between 6.6 W and 10 W inclusive)</p> <ul style="list-style-type: none"> - You cannot be connected when the 1-channel receiver side unit is supplied power by PoE. - Up to four cameras can be connected to the 4-channel receiver side unit. - Only one Outdoor 9M 360-degree camera can be connected.*2   <p>Outdoor dome camera Outdoor box camera</p>   <p>Indoor 9M 360-degree camera Indoor dome camera with IR-LED</p>	
Outdoor box camera	WV-S1531LNS *1	9.40		
	WV-S1531LTN *1 WV-S1531LN *1	9.40		
	WV-S1511LN *1	9.40		
Indoor 9M 360-degree camera	WV-X4171 *2	7.20		
	WV-X4170 *2	7.20		
Indoor dome camera	WV-S2131L *1 WV-S2111L *1	7.20		
	WV-S2231L *1 WV-S2211L *1	7.20		
	Indoor box camera	WV-S1131 WV-S1132 WV-S1112 WV-S1111		5.80
Indoor dome camera	WV-S2130	5.30		
Indoor 5M 360-degree camera	WV-S4150	5.10		
Indoor dome camera	WV-S2110	4.80		

*1: With IR-LED






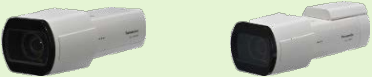
*2: Because of bandwidth limit, the 4-channel receiver side unit cannot be connected two or more cameras. Please use the 1-channel receiver side unit.

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PoE Power Consumption List for Panasonic Security Cameras(3)

i-PRO camera (1)

For models with IR-LED, the maximum power consumption when the IR LED is ON.

Type	Model no.	Power consumption (W)	Group
Outdoor PTZ camera	WV-SW598	25.00	PoE+ camera (Power consumption: 24 to 25 W) - You cannot be connected when the 1-channel receiver side unit is supplied power by PoE. - Only one camera can be connected when the 4-channel receiver side unit supplies PoE+ to the camera.  Outdoor PTZ camera
	WV-SW397A	25.00	
	WV-SW397	25.00	
	WV-SW396A	25.00	
	WV-SW396	25.00	
	WV-SW395A	24.00	
	WV-SW395	24.00	
Outdoor box camera (4K, 6 series)	WV-SPV781L *1 *3	12.95	Camera with LED/heater, Indoor PTZ camera (Power consumption: 10.1 W or more, and less than 13 W) - You cannot be connected when the 1-channel receiver side unit is supplied power by PoE. - Up to three cameras can be connected when the 4-channel receiver side unit supplies PoE to the cameras. - Only one 4K camera can be connected.*3
	WV-SPW631LT *1	12.95	
	WV-SPW631L *1	12.95	
	WV-SPW611L *1	12.95	
	WV-SPW611	11.10	
Outdoor dome camera	WV-SFV781L *1*3	12.95	 Outdoor box camera  Outdoor dome camera  Indoor PTZ camera  Indoor dome camera with IR-LED  Indoor box camera with the feature expansion unit
	WV-SFV631LT *1	12.95	
	WV-SFV631L *1	12.95	
	WV-SFV611L *1	12.95	
	WV-SFV311	12.00	
	WV-SFV531	10.10	
Indoor PTZ camera	WV-SC588	12.00	
	WV-SC387	12.00	
	WV-SC386	12.00	
	WV-SC385	12.00	
Indoor box camera	WV-SPN631 *2	11.70	
	WV-SPN611 *2	11.10	
Indoor dome camera	WV-SFN631L *1	11.10	

*1: With IR-LED *2: When the feature expansion unit is installed.









*3: Because of bandwidth limit, the 4-channel receiver side unit cannot be connected two or more cameras. Please use the 1-channel receiver side unit.

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PoE Power Consumption List for Panasonic Security Cameras(4)

i-PRO camera (2)

For models with IR-LED, the maximum power consumption when the IR LED is ON.




Type	Model no.	Power consumption (W)	Group
Outdoor 9M 360-degree camera	WV-SFV481 *2	9.60	<p>(Power consumption: Between 6.6 W and 10 W inclusive)</p> <ul style="list-style-type: none"> - You cannot be connected when the 1-channel receiver side unit is supplied power by PoE. - Up to four cameras can be connected to the 4-channel receiver side unit. - Only one 9M 360-degree camera can be connected. *2  <p>9M 360-degree camera SPW311AL SFV311A SFN611L SPN311</p>
Indoor 9M 360-degreecamera	WV-SFN480 *2	9.60	
Outdoor box camera	WV-SPW311AL *1	9.60	
Outdoor dome camera	WV-SFV311A	9.60	
Indoor dome camera	WV-SFN611L *1	9.40	
Indoor box camera	WV-SPN311	6.80	
Outdoor 3M 360-degree camera	WV-SW458	6.00	<p>(Power consumption: Between 5W and 6.5W inclusive)</p> <ul style="list-style-type: none"> - You can be connected even when the 1-channel receiver side unit is supplied power by PoE. - Up to four cameras can be connected to the 4-channel receiver side unit.  <p>3M 360-degree camera</p>  <p>Indoor box camera (Full HD, SPN611/311A)</p>  <p>Indoor dome camera</p>  <p>Outdoor/Indoor compact dome camera (Full HD)</p>
Indoor 3M 360-degree camera	WV-SF438	6.00	
Indoor box camera	WV-SPN631	6.00	
	WV-SPN531	6.00	
	WV-SPN531A	5.80	
	WV-SPN611	5.60	
	WV-SPN311A	5.30	
Indoor dome camera	WV-SFN311	6.20	
	WV-SFN310	5.80	
	WV-SFN531	5.30	
Outdoor compact dome camera	WV-SW158	5.30	
Indoor compact dome camera	WV-SF138	5.30	
Indoor dome camera	WV-SFN311A	4.30	<p>(Power consumption: Less than 5 W)</p> <ul style="list-style-type: none"> - You can be connected when the 1-channel receiver side unit is supplied power by PoE. - Up to four cameras can be connected to the 4-channel receiver side unit.  <p>Outdoor/Indoor compact dome camera</p>  <p>Indoor dome camera</p>  <p>SP105 SP102</p>
	WV-SFN310A	4.30	
Indoor box camera	WV-SP105	2.80	
Outdoor compact dome camera	WV-SW155	2.70	
Indoor compact dome camera	WV-SF135	2.60	
	WV-SF132	2.20	
Indoor box camera	WV-SP102	2.00	

*1: With IR-LED *2: Because of bandwidth limit, the 4-channel receiver side unit cannot be connected two or more cameras. Please use the 1-channel receiver side unit.

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PoE Power Consumption List for Panasonic Security Cameras(5)

Other cameras

Type	Model no.	Power consumption (W)	Group
Indoor PTZ camera	WV-SC384	10.0	<p>(Power consumption: Between 6.6 W and 10 W inclusive)</p> <p>- You cannot be connected when the 1-channel receiver side unit is supplied power by PoE.</p> <p>- Up to four cameras can be connected to the 4-channel receiver side unit.</p>  <p>Indoor PTZ camera</p>
Indoor PT camera	WV-ST165	6.20	<p>(Power consumption: Between 5W and 6.5W inclusive)</p> <p>- You can be connected even when the 1-channel receiver side unit is supplied power by PoE.</p> <p>- Up to four cameras can be connected to the 4-channel receiver side unit.</p>  <p>Indoor PT camera</p>  <p>Outdoor PT camera</p>
	WV-ST162	6.20	
Outdoor PT camera	WV-SW175	6.20	
	WV-SW172	6.20	
Outdoor PT camera	WV-SW174WA	(No PoE)	As cameras are only supplied power by AC adaptors, power consumption does not need to be considered.
Network microphone	WV-SMR10	2.90	
Video encoder	WJ-GXE100	3.60 *1	

*1: Calculated value

Not Supported Device

- WJ-GXE500
- WJ-GXD400

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