

## 硬件规格

Model	FS-EX102F-LD
Product name	Long distanceIP67 outdoor waterproof extender
Material	Aluminum die-casting body Nylon waterproof joint
Waterproof grade	IP67
Wire diameter	Support network cables with a Φ of 4-8mm
Fixed Port	1*LD*10/100Base-TX in 2*10/100Base-TX out
PoE in	Supports IEEE802.3af/at/bt, max 120W PoE in Supports Passive DC37-57V in MAX 120W
PoE in Pin	12+ 45+ 36- 78-
PoE OUT	OUT1 Supports IEEE802.3af/at/bt, max 90W PoE out OUT2 Supports IEEE802.3af/at, max 30W PoE out
PoE OUT Pin	Bt:12+ 45+ 36- 78- Af/at: 12+ 36-
PoE Dog	PoE auto execution、detection and resets fault device, when PoE is on
Bandwidth	1Gbps
Packet Forwarding	0.85Mpps
MAC	1K
Buffer	768K
	10BASE-T: Cat3,4,5 UTP(≤250 meter)
POE in Transmission Distance	100BASE-TX: Cat5 or later UTP(150 meter)  LD type: (LD type transmitter required)  10BASE-T: Cat5 or later (≤800 meter)  100BASE-TX: Cat6 or later UTP(≤500 meter)
	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter)
Transmission Distance POE out	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter)
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POE out Transmission Distance  LED Indicator  Operating Temp-	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  PoE in: LED witch bt or af/at POE out: on LED Port: LAN link LED PoEdog: on led(inbox)
POE out Transmission Distance  LED Indicator  Operating Temperature/Humidity	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  PoE in: LED witch bt or af/at POE out: on LED Port: LAN link LED PoEdog: on led(inbox)  -40~+80°C; 5%~90% RH Non coagulation
POE out Transmission Distance  LED Indicator  Operating Temperature/Humidity Storage Temperature/Humidity Product /Packing size (L*W*H)  N.W/G.W (kg)	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  PoE in: LED witch bt or af/at POE out: on LED Port: LAN link LED PoEdog: on led(inbox)  -40~+80°C; 5%~90% RH Non coagulation  -40~+90°C; 5%~95% RH Non coagulation  150*77*43mm
POE out Transmission Distance  LED Indicator  Operating Temperature/Humidity Storage Temperature/Humidity Product /Packing size (L*W*H)	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  PoE in: LED witch bt or af/at POE out: on LED Port: LAN link LED PoEdog: on led(inbox)  -40~+80°C; 5%~90% RH Non coagulation  -50*77*43mm 150*85*47mm
POE out Transmission Distance  LED Indicator  Operating Temperature/Humidity Storage Temperature/Humidity Product /Packing size (L*W*H) N.W/G.W (kg) Lightning	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  PoE in: LED witch bt or af/at POE out: on LED Port: LAN link LED PoEdog: on led(inbox)  -40~+80°C; 5%~90% RH Non coagulation  -40~+90°C; 5%~95% RH Non coagulation  150*77*43mm 160*85*47mm  0.27kg/0.31kg
POE out Transmission Distance  LED Indicator  Operating Temperature/Humidity Storage Temperature/Humidity Product /Packing size (L*W*H)  N.W/G.W (kg)  Lightning Protection level	100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) LD type: (LD type transmitter required) 10BASE-T: Cat5 or later (≤800 meter) 100BASE-TX: Cat6 or later UTP(≤500 meter)  PoE in: LED witch bt or af/at POE out: on LED Port: LAN link LED PoEdog: on led(inbox)  -40~+80°C; 5%~90% RH Non coagulation  -40~+90°C; 5%~95% RH Non coagulation  150*77*43mm 160*85*47mm  0.27kg/0.31kg  6KV 8/20us;

The data presented above represents the performance of the product in specific equipment and experimental environments. Based on the actual on-site environment or differences in equipment, there may be differences. The technical comparisons mentioned are based on scientific principles and do not involve other purposes

Due to real-time changes in product version, batch, and production supply factors, in order to provide as accurate product information and functional parameters as possible, Hasivo may adjust the content on the above pages in real time to ensure consistency with the actual product. Any adjustments are subject to no further notice. Due to factors such as measurement environment and method, there may be certain scientific errors in product dimensions, parameters, and other information.