DS-1H34 Series PoE Video Repeater

Features and Functions

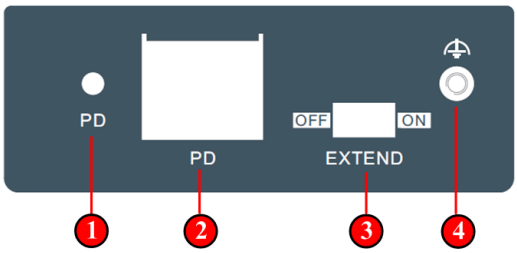
- Support 1-ch input and 1-ch output, and 1-ch input and 2-ch output PoE relay function.
- Support EXTEND mode of PSE (Power Sourcing Equipment) output interface. The transmission distance of single-stage network can be extended to 250 meters when the EXTEND mode is enabled.
- Standard Cat. 5e twisted pair. For 100 Mbps mode, the repeater supports 4-stage cascade and the max. transmission distance reaches 500 meters (terminal power consumption < 5W). For EXTEND mode, the max. transmission distance reaches 500 meters (terminal power consumption < 5W).
- IEEE802.3at and IEEE802.3af are supported for PoE output.
- 10/100BaseT(X) (RJ45 interface).
- IEEE802.3, IEEE802.3u and IEEE802.3x network standards available.
- Store-and-forward switching method.
- The time delay of data exchange is shorter than 5 microseconds.
- The working temperature range for wide temperature range models is within -30˚C to 70˚C.
- Solid metal case of high strength.

Specifications

Model	DS-1H34-0101P	DS-1H34-0102P
Input	1-ch 10/100BaseT(X) and IEEE 802.3at standard of PD connection.	
Output	1-ch 10/100BaseT(X) and IEEE 802.3af/at standard of PSE output.	2-ch 10/100BaseT(X) and IEEE 802.3af standard of PSE outputs.
MTBF (Mean Time Between Failure)	100000 hours	
Consumption	< 2W	
Working Temperature	-30 ºC to +70 ºC (-22 ºF to +158 ºF)	
Working Humidity	10% to 90%	
Dimensions (W×H×D)	71.6 × 26.1 × 95.5 mm (2.8 × 1.0 × 3.8 inch)	
Weight	0.3 Kg (0.7 lb)	
ESD (Electro-Static Discharge)	Contact discharge: ±7 KV Air discharge: ±9 KV	
Surge	Power port: Line-to-ground: ±2 KV; Line-to-line: 1 KV Network port: Line-to-ground: ±4 KV	
EFT (Electrical Fast Transient Burst)	Network port: ±2 KV	

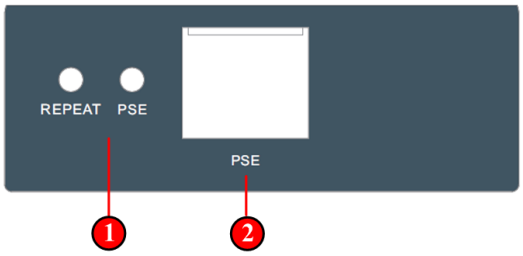
Physical Interfaces

Input Panel



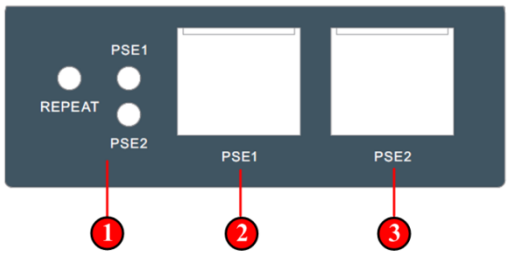
Index	Description	Index	Description
1	PD Indicator	3	DIP Switch
2	RJ45 Interface	4	GND

Output Panel 1



Index	Description	Index	Description
1	REPEAT/PSE Indicator	2	RJ45 Interface

Output Panel 2



Index	Description	Index	Description
1	REPEAT/PSE1/PSE2 Indicator	3	RJ45 Interface
2	RJ45 Interface		

Distributed by

Available Models

DS-1H34-0101P
DS-1H34-0102P

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Europe
T +31-23-5542770
saleseuro@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision France
T +33(0)1-85-330-444
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision UK
T +44-1628-9021-4
support.uk@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

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