

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.

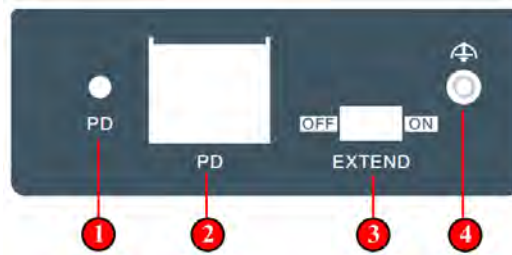


Specifications

| 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 °C to +70 °C (-22 °F to +158 °F) | |
| 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 | |

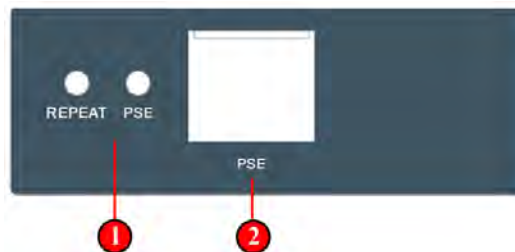
Physical Interfaces

Input Panel



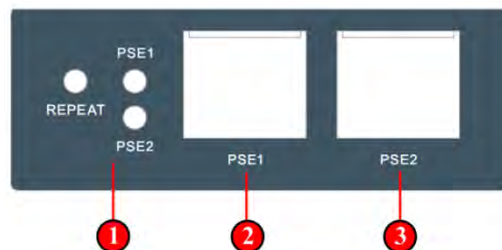
| Index | Description | Index | Description |
|-------|----------------|-------|-------------|
| 1 | PD Indicator | 3 | DIP Switch |
| 2 | RJ45 Interface | 4 | GND |

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

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