**Features:**

- **Dimensions:** 1” H x 3.7” W x 2.75” D
- **Operating Temperature:** -49°F to 168°F (-45°C to 76°C)
- **Injector Power:** 56V-65W power adapter with dc jack included (120vac power cord). Requires backed up 120v source or RATH® RP7700104S.
- **Extender Power:** Supplies 1A to the SmartView Controller
- **Included RJ45 adapters for Interlink Cabling**
- **Power over Ethernet (PoE) supplies power and communication to the SmartView Controller**
- **Extender Wiring:**
  - Extends up to 1,640 feet over single pair of wiring between extenders (requires single pair, 18-24ga, shielded or unshielded)
  - CAT5E with RJ45 connectors required from network switch and the SmartView Controller to each extender
  - Main Unit (Injector) has LAN In (internet connection) and LRP Out (two wire connection)
  - Remote Unit (Extender) has LRP In (two wire connection from main unit) and PoE Out (Ethernet connection to SmartView Controller)

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**Wiring Example:**

1. **Your Ethernet LAN**
2. **DC Power Adapter**
3. **Must Use Ethernet Cable (Supplied by RATH+)**
4. **Main Injector Unit**
5. **Remote Extender Unit**
6. **Must Use Ethernet (Supplied by RATH+)**
7. **SmartView Controller**
8. **100Mbs Ethernet up to 1,540’ (1 pair wiring)**
9. **LRP Out (Main Unit)**
10. **LRP In (Remote Unit)**
11. **Max Distance 2,306’**
12. **Single Pair up to 1,640’**
13. **Pin 1 & 2**