



IntelliPEAK DirectLink™

The IntelliPEAK DirectLink digital control unit (DCU) is a cost-effective switch that includes a Wi-Fi or cellular radio for utilities seeking to implement demand response programs with two-way communications, such as dynamic pricing or advanced load control. Using IP-based communications, IntelliPEAK enables remote programming, status reporting, as well as near real-time presence and telemetry collection.



Itron's IntelliPEAK DirectLink DCU leverages cellular networks or the consumer's broadband network, removing the need for an expensive and complex gateway. This makes implementing demand response programs with two-way communications significantly more cost-effective. Two programmable relays can be configured to enact pre-programmed control strategies for up to four time periods per day.

FEATURES

- » Flexible control strategies (cycling and adaptive cycling)
- » Flexible outputs to control HVAC and/or appliances such as water heater and pumps
- » Cellular (GSM/HSPA+) or Wi-Fi 2.4G (802.11 b/g/n) communication
- » Online presence providing near real-time connection status
- » Remote telemetry including load run time
- » TOU schedule or customer-programmed timer automation
- » LED to indicate control operation
- » Cold load pickup to prevent spikes during restoration of service
- » Built-in junction box for easy installation

KEY SPECIFICATIONS

- » Physical dimensions: H 9.9" (25.02 cm) x W 6.62" (16.82 cm) x D 3.57" (9.07 cm)
- » Electrical input: 120–240 VAC +/- 20%
- » Power consumption: Less than 30VA
- » Relay rating/cycles: On-board: 24 VAC, 2 Amp; Off-board: 240 VAC, 30 Amp Resistive; Minimum 25,000 cycles at rated loads
- » Regulatory: FCC part 15; UL 916
- » Injection molded, high-impact polycarbonate packaging

COMMUNICATION OPTIONS

- » IntelliPEAK DirectLink Wi-Fi and Cellular 3G
- » Digital Operating Temperature: -35°C to +85°C
- » IntelliPEAK DirectLink Cellular 3G Communication Operating Temperature: -10°C to +55°C
- » IntelliPEAK DirectLink Wi-Fi Communication Operating Temperature: -30°C to +85°C



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