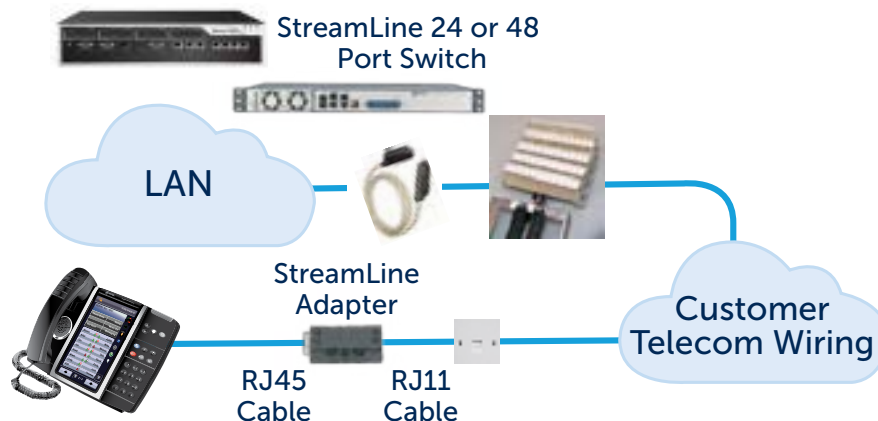


# Mitel StreamLine

## Simplifying IP Migration

### Key Features

- Overcomes onerous wiring situations by using existing legacy wiring
- “Plug compatible” with cabling infrastructures so it connects directly to LAN cabling
- Delivers Ethernet and Power over Ethernet services over a single pair of telephony-grade wire



Simply deploy StreamLine by connecting it directly to your LAN and adding a StreamLine adapter to each endpoint.

Today's customers are demanding more personalized service and faster response times, which means employees need tools to be more responsive – unified messaging, single number reachability. IP telephony resolves these challenges, but many organizations face significant project challenges implementing it, including infrastructure.

There are situations where replacing legacy wiring is just not practical, such as a heritage building or an organization working with isolated locations – a warehouse, factory floor, or remote campus building.

If legacy wiring is holding back your IP migration, then Mitel StreamLine offers a cost-effective solution – now available in an 8-port model.

### Mitel StreamLine – Delivering IP Telephony Over Existing Cabling

Mitel StreamLine is a new form of Ethernet LAN switch that overcomes onerous wiring situations by using existing legacy (two-wire / twisted pair) wiring to deliver IP telephony across the organization. It is designed to

plug into an existing legacy network so that the entire organization benefits from the call control of Mitel MiVoice Business (formerly Mitel Communications Director), MiVoice Office (formerly Mitel 5000 Communications Platform), and Mitel SX-200 ICP. StreamLine enables businesses to seamlessly integrate remote / isolated sites, including those with legacy wiring infrastructure.

### Installation is a Breeze

StreamLine is “plug compatible” with cabling infrastructures so it connects directly to LAN cabling, similar to how an IP router acts like a switch between the LAN and IP phones. In addition, each phone requires a StreamLine adapter that delivers power and converts two-wire to Ethernet signaling.

## Industry-leading Low Power Consumption

StreamLine delivers Ethernet and Power over Ethernet services over a single pair of telephony-grade wire with four times the reach of traditional data switches. In addition, StreamLine switches come standard with the flexibility of power sharing, load balancing, hot swappable power supply, and power sharing amongst multiple daisy chained units.

## Technical Specifications

### CONFIGURATION INFORMATION

- 8, 24, and 48-port configuration options
- 25-pair Amphenol RJ21 connectors for the 24/48 x 10 Mb Full Duplex downlink ports, over 24 or 26 AWG wires (as well as CW1308)
- RS232 management port (not available on 8-port variant)
- 10x100 Mb management port (not available on 8-port variant)

### Physical

Dimension (L x W x D)	Weight
24 & 48-port variant: 4.45 x 43.5 x 25.2 (1.75 x 17.13 x 9.92 in)	24 & 48-port variant: 3.61 kg (7.96 lbs.)
8-port variant: 4.5 x 17.8 x 12 cm (1.77 x 7.01 x 4.72 in)	8-port variant: 0.308 kg (0.679 lbs.)

### Power Supply Arrangements

24 & 48-port Variant	8-port Variant
» Input: Autosensing 100 – 240 V AC, 50/60 Hz, 8A (24-port model) or 14A (48-port model)	» Power supply: 48VDC
» Output: 500 W max at 100 V AC; 1000 W max at 240 V AC	» Power consumption: 2.9W (StreamLine unit)
	» Power injection (PoE): 48VDC
	» PoE power: 10Watts

### OTHER KEY DATA AND SWITCH CAPABILITIES

- Ethernet and power over a single pair of telephony-grade wire –fully compliant with IEEE 802.3af IP
- Over four times the reach of traditional data switches (1,200 feet or 365 meters)

### 24 & 48-PORT VARIANTS

- 2 x 1 gigabit uplink copper and fiber remote management ports – used to remotely manage the switch via the corporate LAN (not available on 8-port variant)

### 8-PORT VARIANT

- 2 RJ45 ports: 10/100 Base-T autosensing, independent speed selection, Ethernet IEEE 802.3, CAT5 copper cable, 8 x RJ11 Jacks

### SUPPORTED PHONES

- All IEEE 802.3af Mitel MiVoice IP Phones and other SIP phones qualified by Mitel

### Environmental

Operating temperature	Relative Operating Humidity
24 & 48-port variant: -10°C to 50°C (14°F to 122°F)	24 & 48-port variant: 10% to 95% (non-condensing) at 35°C (95°F)
8-port variant: -10° C to 45.5° C (14°F to 113.9°F)	8-port variant: 10% to 95% (non-condensing) at 35° C