

Mitel MiVoice Office Digital Expansion Interface

Mitel Digital Expansion Interface Digital and Analog Support

Mitel® MiVoice Office

enables organizations to deploy the latest Mitel IP phones and blend their voice system into their data network, creating a cost-effective, efficient communications environment; however, it also provides the ability to deploy digital and analog devices, as well.

The Mitel Digital Expansion Interface (DEI) unit provides the ability to easily expand the amount of digital and analog devices supported by the MiVoice Office, to complement the digital and analog modules that can be embedded within the HX Controller's expansion slots.

Each Digital Expansion Interface offers three expansion bays that accommodate Digital Endpoint Modules for up to 48 digital phones per unit, or Single Line Modules for analog extensions.



Up to four DEI's can be added to the MiVoice Office allowing for an additional 192 digital phones to be added to the MiVoice Office solution – allowing the solution to grow up to 240 digital phones in total with Digital Desktop Modules (DDM-16).

With a slim 1U form factor design, each Digital Expansion Interface takes up minimum precious rackspace.

Supported Modules

The Digital Expansion Interface (DEI) unit supports the following modules:

- Digital Endpoint Module (DEM-16) – provides circuits for 16 digital phones
 - Status for each DEM-16 module is shown with LEDs on the faceplate of the module
- Single Line Module (SLM-8) – provides circuits for 8 analog devices
 - Status for each SLM-8 module is shown with LEDs on the faceplate of the module
 - The SLM-8 provides four RJ-14 jacks, each wired to USOC T568A specifications (together, the jacks support eight single line analog phones)
 - The SLM-8 module is hot swappable

DEI cable connection

A 15 ft (5 m.) 25-pair cable is available for connecting DEM-16 ports to the main distribution frame (MDF). The cable terminates on one end with four 8-pin, 8-conductor plugs wired to RJ-45 specifications using the 568B standard, with the other end of the cable is terminating with a male Amphenol-type connector.

The cable, part number 813.1814.

TECHNICAL SPECIFICATIONS

PHYSICAL

DIMENSION (H X W X D)	WEIGHT
4.45 x 43.18 x 36.83 cm (1.75 x 17 x 14.5 in)	4.08 kg (9 lbs)

REQUIREMENTS IN OPERATION IN STORAGE

OPERATING TEMPERATURE	RELATIVE HUMIDITY
0 °C to 40 °C (32 °F to 104 °F)	5 - 95%