# AVAYA

# Avaya 1100 Series Expansion Module

## Delivering investment protection with scalability

The Avaya 1100 Series Expansion Module is an exciting addition to the award-winning 1100 Series IP Deskphones portfolio. An accessory available to selected models within the 1100 Series IP Deskphones, the 1100 Series Expansion Module delivers true investment protection with scalability at the desktop. Each Expansion Module supports an additional 18 line/programmable feature keys. Up to three Expansion Modules can be supported when attached to an 1220E IP Deskphone, 1140E IP Deskphone, 1150E IP Deskphone or 1165E IP Deskphone.

1100 Series Expansion Module with 1140E IP Deskphone

With the 1100 Series Expansion Module, the ability to add line/programmable feature appearances, whenever the business needs, offers investment protection assurance when purchasing 1100 Series IP Deskphones. Easy access to additional features and one touch dialing to frequently called numbers increases productivity, and reduces fatigue.

The 1100 Series Expansion Module also comes standard with a high-resolution, pixel-based, graphical, grayscale backlit display. Combined with a continuous-angle adjustable stand, which is used to match the angle of the IP Phone, the result is delivery of a superior user experience with quick-and-easy access to programmable features and line indication.

The 1100 Series Expansion Module, while integrating a power display and adding scalability, retains the sleek ergonomic design of the 1100 Series IP Deskphones. The module is thoughtfully designed for today's space-limited desktops.

With so many advanced features to offer, the 1100 Series Expansion Module is the right communications solution to enhance the competitiveness of your business — for both today and tomorrow.

## Key features and benefits include:

- Line/programmable feature expansion for 1120E IP Deskphone, 1140E IP Deskphone, 1150E IP Deskphone and 1165E IP Deskphone

- Delivers 18 additional line/programmable feature keys per module, extending desktop investment in 1100 Series IP Deskphones with added scalability

- Up to three Expansion Modules 1100 Series IP Deskphone

- High-resolution, pixel-based, graphical grayscale display provides foundation for presentation of enhanced graphical content[1]

- 802.3af Power over Ethernet or local AC power options deliver maximum customer flexibility in deployment

- Optional backlighting of the display offers enhanced user experience[2]

- Wall mountable using standard jack pins or mounting screws

- Tight integration with Avaya Communication Server 1000 feature sets for rich and reliable service

- Firmware download support via Trivial File Transfer Protocol (TFTP) or UNIStim File Transfer Protocol (UFTP)[3]

- Leverages the award-winning sleek ergonomic design of the 1100 Series IP Deskphones for reduced desktop footprint

## Specifications

### Servers supported
- Avaya Communication Server 1000 Release 4.5 and later

### IP Phones supported
- Avaya 1120E IP Deskphone, 1140E IP Deskphone and 1150E IP Deskphone

### Display type
- High-resolution, graphical, Super Twisted Nematic (STN), eight-level grayscale with anti-glare coating

### Display size
- 118 x 414 pixel (W x H)

### Backlighting
- Optional. Requires C 500mA power supply and regional power cord to support local power supply/power cord to support.

### Number of appearances
- 18 appearances per module as standard
- 36 appearances (single module configuration) with shift feature[4]

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[1] The number of Expansion Modules supported on each phone is Call Server dependent

## Expansion Module maximum number of appearances by IP Deskphone type – Avaya Communication Server 1000

| IP Deskphone | IP Deskphone only. No Exp. Modules | IP Deskphone w/Shift Only | Deskphone+ One Exp. Module - No Shift | Deskphone+ One Exp. Module - w/ Shift | Deskphone+ Two Exp. Modules - No Shift | Deskphone+ Two Exp. Modules - w/ Shift | Deskphone+ Three Exp. Modules - No Shift | Deskphone+ Three Exp. Modules - w/ Shift |
|---|---|---|---|---|---|---|---|---|
| 1110[5] | 1 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 1120E[6] | 4 | N/A | 4+18=22 | N/A | 4+36=40 | N/A | 4+54=58 | N/A |
| 1140E | 6 | 12 | 6+18=24 | 12+36=48 | 6+36=42 | 12+36=48 | 6+54=60 | 12+54=66 |
| 1150E | 6 | 12 | 6+18=24 | 12+36=48 | 6+36=42 | 12+36=48 | 6+54=60 | 12+54=66 |
| 1165E | 6 | 12 | 6+18=24 | 12+36=48 | 6+36=42 | 12+36=48 | 6+54=60 | 12+54=66 |

## Maximum number of modules
- 3 per 1120E IP Deskphone, 1140E IP Deskphone or 1150E IP Deskphone deployed

## Adjustable contrast

## Continuous-angle stand

## Power requirements
- 3.3v per Expansion Module (exclusive of backlight)
- Integrated backlight requires 90-260 VAC 50-60Hz in, 48 VDC 500mA power supply with regional power cord for support (orderable separately)

## Power options
- 802.3af Power over Ethernet or local AC power option via 90-260 VAC 50-60Hz in, 48 VDC 500mA power supply

## Module dimensions (WxHxD)
- Minus 5 degree position (Wallmount): 4.84 in x 7.94 in x 3.0 in/122.8mm x 201.7mm x 76.1mm
- +32.5 degree position: 4.84 in x 6.22 in x 6.90 in/122.8mm x 158.1 mm x 175.4mm
- +55 degree position: 4.84 in x 7.79 in x 5.95 in/122.8mm x 197.9 mm x 151.0 mm

## Regulatory and safety
### EMC
- United States: FCC CFR 47 Part 15 Class B
- Canada: ICES-003 Class B
- Australia/New Zealand:
  ◊ AS/NZS 3548 Class B
  ◊ CISPR 22
- European community:
  ◊ EN55022 Class B
  ◊ EN 55024
  ◊ EN 61000-3-2
  ◊ EN 61000-3-3
- Japan: VCCI
- Korea: MIC Approval (anticipated Q1 2007)

### Safety
- United States: UL 60950-1 1st Edition
- Canada: CSA 60950-1-03
- European Community: EN 60950-1 + A11
- Australia/New Zealand: AS/NZS 60950.1: 2003
- IEC 60950-1

### Other
- Complies with CE marking requirements
- EU Countries: This device complies with the essential requirements and other relevant provisions of Directive 1999/5/EC
- Compliant to Reduction of Hazardous Substances (RoHS) as part of the European Union Environmental Directive (EUED)

[2] Optional backlighting requires the IP Deskphone to be locally powered using the 90-260 VAC, 50-60Hz in, 48 VDC 500mA global power supply used with all 1100 Series IP Deskphones. Up to three Expansion Modules can be powered this way with each IP Deskphones. A country-specific standard IEC power cord for use with the power supply must also be ordered separately.

[3] UFTP is Avaya Communication Server dependent and is supported on Avaya Communication Server 1000 Release 4.5 (1165E with CS 1000 Rel 5 minimum).

[4] Shift feature is supported on 1140E IP Deskphone, 1150E IP Deskphone and 1165E IP Deskphone Communication Server 1000 Release 4.5 (1165E with CS1000 Rel 5 minimum).

[5] 1110 IP Deskphone does not include an AEM port and thus does not support the 1100 Series Expansion Module.

[6] 1120E IP Deskphone does not support the Shift feature on either the IP Deskphone or Expansion Module.

## About Avaya

Avaya is a global leader in enterprise communications systems. The company provides unified communications, contact centers, and related services directly and through its channel partners to leading businesses and organizations around the world. Enterprises of all sizes depend on Avaya for state-of-the-art communications that improve efficiency, collaboration, customer service and competitiveness. For more information please visit www.avaya.com.

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