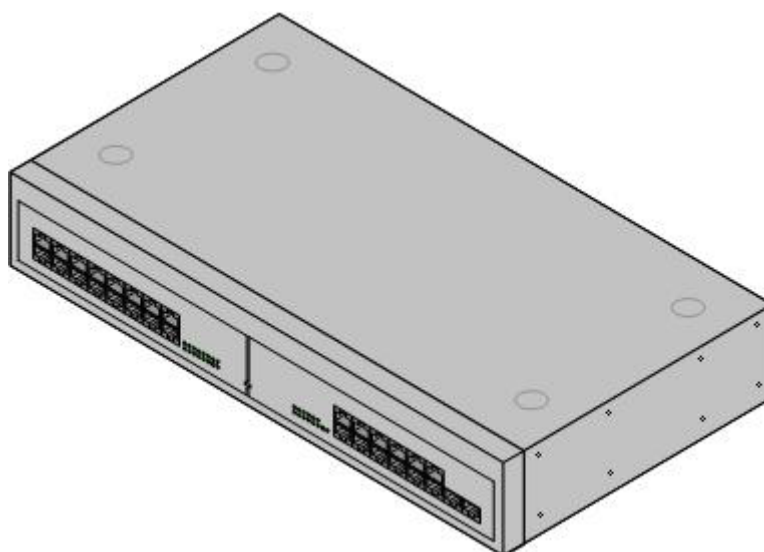


Digital Station 16B/30B

This type of module can be used to add additional RJ45 [DS](#)^[394] or [TCM](#)^[402] ports to an IP Office system (DS only on IP500 control units). However, each module only supports DS ports or TCM ports, a module cannot support a mix of ports. The type of ports supported by a module is set through the IP Office system configuration. See [DS16B/30B Port Mode Selection](#)^[115].

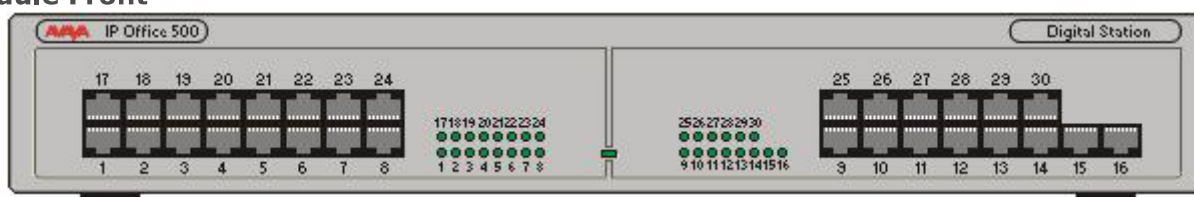
The modules are available in 16 and 30 port variants, referred to as the IP500 DS16B and IP500 DS30B respectively.

- For IP Office Release 8.0 and IP Office Release 8.1 systems, these modules only support DS ports.
- These modules only support the following DS phones: 1400 Series, 2400 Series, 3800 Series, 5400 Series and 9500 Series.



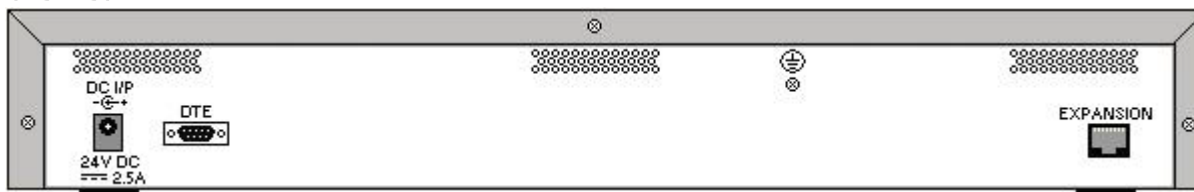
| Feature | Details |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supported on | IP500 (DS only) and IP500 V2 (DS or TCM). |
| Locales | Supported in all IP Office locales ^[514] . |
| Software Level | TCM Port Connections: IP Office core software level 9.0. Bin file = nadcpaV2.bin. DS Port Connections: IP Office core software level 8.0. Bin file = nadcpaV2.bin. |
| Included | Power supply unit (see below) and Expansion Interconnect cable. |
| Power Supply | The module is supplied with a Earthed 3-Pin, 60W external power supply module. The PSU has an integral power cord for connection to the module's DC I/P socket. A locale specific IEC60320 C13 power cord ^[39] for the external PSU is required but is not supplied with the module. |
| Mounting | The module is designed as a free-standing module that can be stacked on or under other IP Office modules. The module can be wall or rack mounted using the IPO IP500 RACK MNTG KIT V3 ^[279] . |
| Dimensions | Width: 445mm/17.5". Depth: 245mm/9.7". Height: 71mm/2.8". |
| Weight | Unboxed: 3.5Kg/7.8lbs. Boxed: 4.8Kg/10.8lbs. (Based on DS30) |


Module Front



| | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port LEDs | <ul style="list-style-type: none"> • Green Flashing = Phone detected. • Green On = Phone active. |
| Module Center LED | <p>The center LED on all external expansion modules is used to indicate the overall state of the module as follows:</p> <ul style="list-style-type: none"> • Red flashing = Module starting up/Loading firmware. • Red on = Error. • Green on = Module okay. |


Module Rear



| Port | Description |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DC I/P ^[394] | DC power input port. Used for connection of the power lead from an Avaya earthed 60W external power supply unit supplied with the expansion module. A locale specific IEC60320 C13 power cord ^[39] for the external PSU is required but is not supplied with the module. |
| DS ^[394] | RJ45 socket. Digital Station port. Used for connection of IP Office supported DS phones ^[48] . If connected to an out-of-building extension ^[45] , the connection must be made via additional IROB barrier devices in addition to the buildings primary protection. The module must also be connected to a protective ground. |
| DTE | 9-Way D-Type socket. For Avaya use only. |
| EXPANSION ^[396] | RJ45 Socket. Used for direct connection to an Expansion port on an IP Office control unit using the Expansion Interconnect cable supplied with the module. |
|  | Protective Ground point. Use of a protective ground is required for all installations, see Grounding (Earthing) ^[92] . Where the module is connected to analog extensions in another building, an IP Office Phone Barrier Box V2 (101V) is required at both ends, see Lightning Protection/Out-of-Building Connections ^[45] . |

Part Codes and Related Equipment

All expansion modules are supplied with a base software level and should be upgraded to match the core software of the control unit in the IP Office system. Expansion modules include an external power supply unit (PSU) and an appropriate interconnect cable. They do not include a locale specific power cord for the external PSU or any phone extension cables.

| Item | Variant | Country | SAP Code |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------|-----------|
| IPO IP500 EXP MOD DGTL STA 16 | 16 Ports | All | 700501585 |
| IPO IP500 EXP MOD DGTL STA 30 | 30 Ports | All | 700501586 |
|  IEC60320 C13 Power Cord | CEE7/7 | Europe | 700289762 |
| | BS1363 | United Kingdom | 700289747 |
| | NEMA5-15P | America | 700289770 |
| Mounting Kit ^[205] | IPO IP500 RACK MNTG KIT V3 | All | 700503160 |