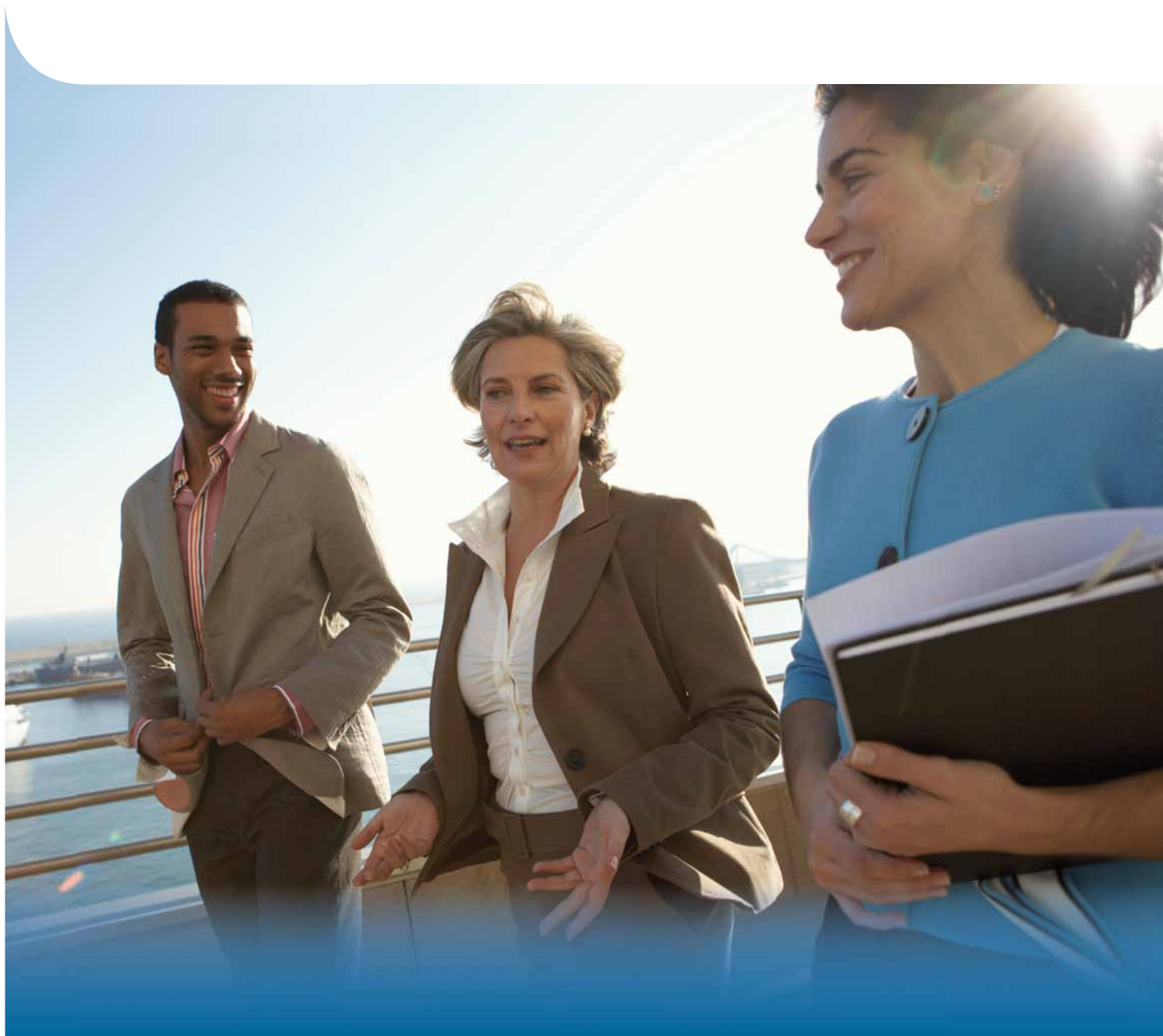


Flexible Communication Dynamic Solutions

OpenCom 100 – Diversity through ITK systems



Aastra connects you with the world

Aastra is a global supplier of telecommunication systems which address the needs of small, medium-sized and big companies. The basis for our success are innovations, a comprehensive product portfolio and years of experience.

Our focus is on non-restrictive, open-architecture solutions. This is because we are convinced that open standards enhance the compatibility of different items and functions, improving flexibility and lead to more comprehensive solutions.

Our aim is to offer communication solutions that support our customers in their day-to-day communication and enable them to organise their processes more effectively. With the OpenCom 100 product line, we offer small and

medium-sized businesses a communication tool which is outstanding as a result of its adaptability and versatility.

Very important note: Aastra solutions are synonymous with investment sustainability and adapt to your company's growing daily needs.

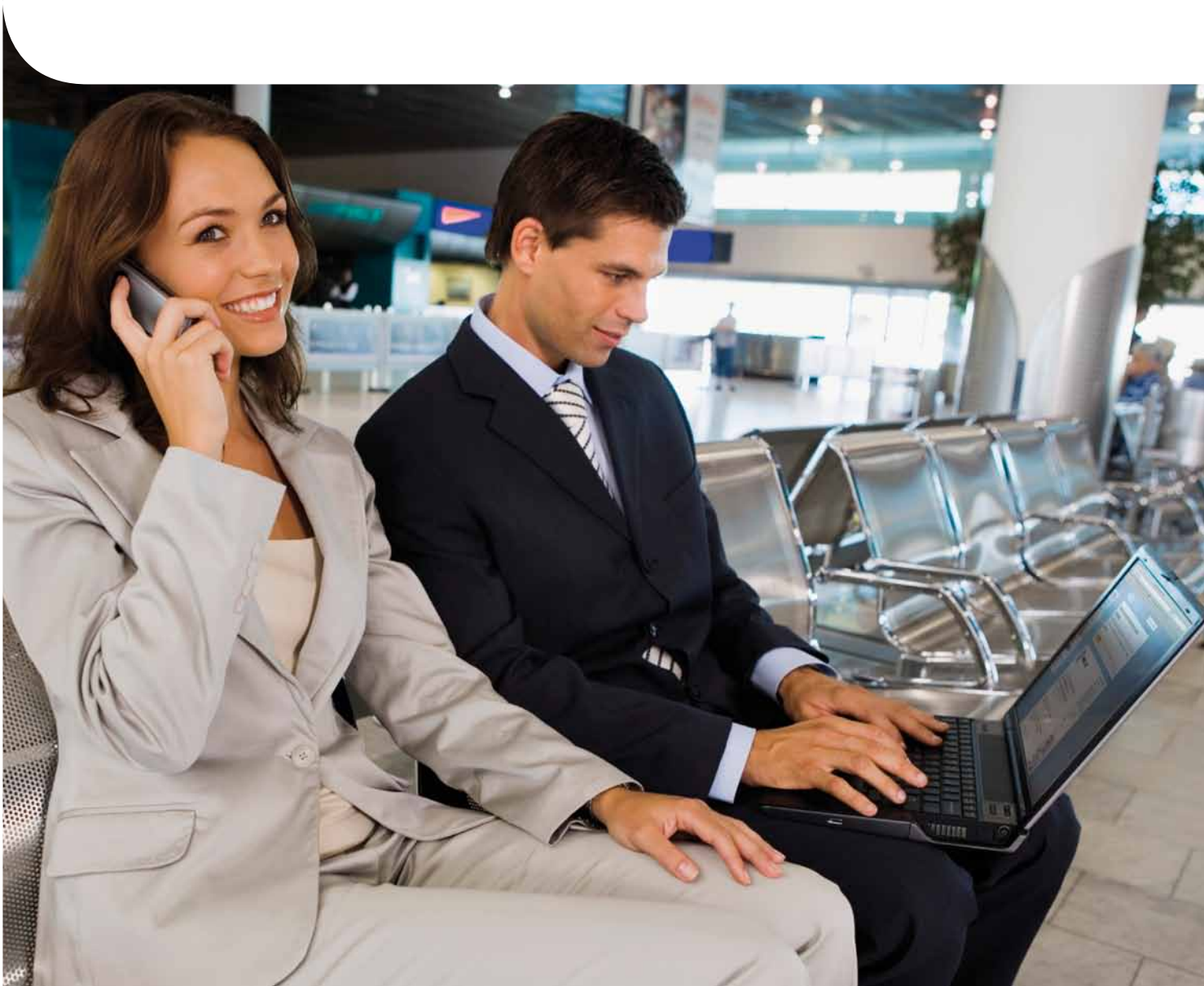
The technology of the future – convergent communication

OpenCom is synonymous with simplification: telephone (TK), internet (IP), messaging and complex applications all use the same platform. With the expansion modules and networking technology, the number of trunk lines, digital terminals and analogue connections can be adapted any time. As a so-called hybrid system, an OpenCom 100 can first be used without Voice over IP (VoIP),

then later be extended should you wish to. The systems allow all your usual applications to be integrated without effort, and with the ITK technology the workflows can be optimised, integrating home workers or branch offices cost-effectively.

Programmed for the future

The OpenCom 100 range comprises OpenCom 130, OpenCom 131, OpenCom 150, OpenCom 510 and OpenCom X320. The fact that the systems can be expanded from 4 to 200 subscribers makes it the right solution for every company, regardless of size. OpenCom 100 systems stand out by virtue of their user-friendliness and simple application. Moreover, thanks to the lean infrastructure, you also save operating costs.



Aastra skills

Convergence and Voice over IP (VoIP)

The main strong points of convergence solutions and the use of VoIP systems are that they reduce costs, increase productivity and flexibility, and offer many possibilities to improve customer service. All calls made via the company's own network incur no additional costs; with care & maintenance costs of the communications infrastructure also being reduced. A combination of IT and communication systems inside a company enhances daily business activities and enables everyone to benefit from the advantages of IP technology.

Mobility

Aastra solutions reinforce mobility and improve team work. IP DECT, WiFi solutions, networked applications and, above all, the integration of GSM mobile phones ensure that people are contactable at any time and via the medium of their choice – both inside and outside the company. With OpenCom 100 mobility means, on the one hand, properly integrating a travelling employee or an employee on outside work into the company's communication network. On the other hand, it enables employees to freely move about within the company premises, i.e. with DECT phones.

Furthermore, the system solution contains special packages for home office employees, which allow them to be seamlessly integrated into the company network. With Mobile Extension, in connection with Aastra Mobile Client, OpenCom 100 also offers a simple and intuitive solution for GSM integration (FMC – Fixed Mobile Convergence). Employees are integrated into the network via their GSM mobile phones and act like an internal subscriber. All calls can be routed to and from mobile and fixed telephones, without the mobile phone number being displayed during switchover to the mobile phone.

Mobility solutions are an important component of Aastra's Unified & Collaborative Communications portfolio.

Unified & Collaborative Communications

Aastra's Unified Communications solutions integrate various IP-based communication solutions and applications, like e-mail, voicemail, video, etc., as a solution package. The unified work environment can be used with mobile and PC-based terminals, or with a Contact centre application. In addition, practical functions like presence management can be integrated. This ensures, for example, that employees



are contactable and that calls are automatically forwarded through various communication channels.

The OpenCom 100 range offers integrated solutions for instant messaging between system phones, busy indicators, Softphones and interfaces, for connecting various third-party applications.

Open standards

Aastra has consistently focused the development of its products on open standards such as SIP (Session Initiation Protocol). The experiences and know-how gained from decades of language and data-oriented development also come in handy here.

Open standards like SIP, XML, CSTA are a basic condition for integrating applications, technologies and systems for all solutions. Only open-standard-based information systems can be quickly and flexibly developed further and adapted to new needs. Only this can guarantee maximum efficiency in the day-to-day life of a company.

Aastra communication solutions assist employees in their daily work, regardless of their location.

OpenCom 100 – Flexible solutions for every requirement

IP terminals

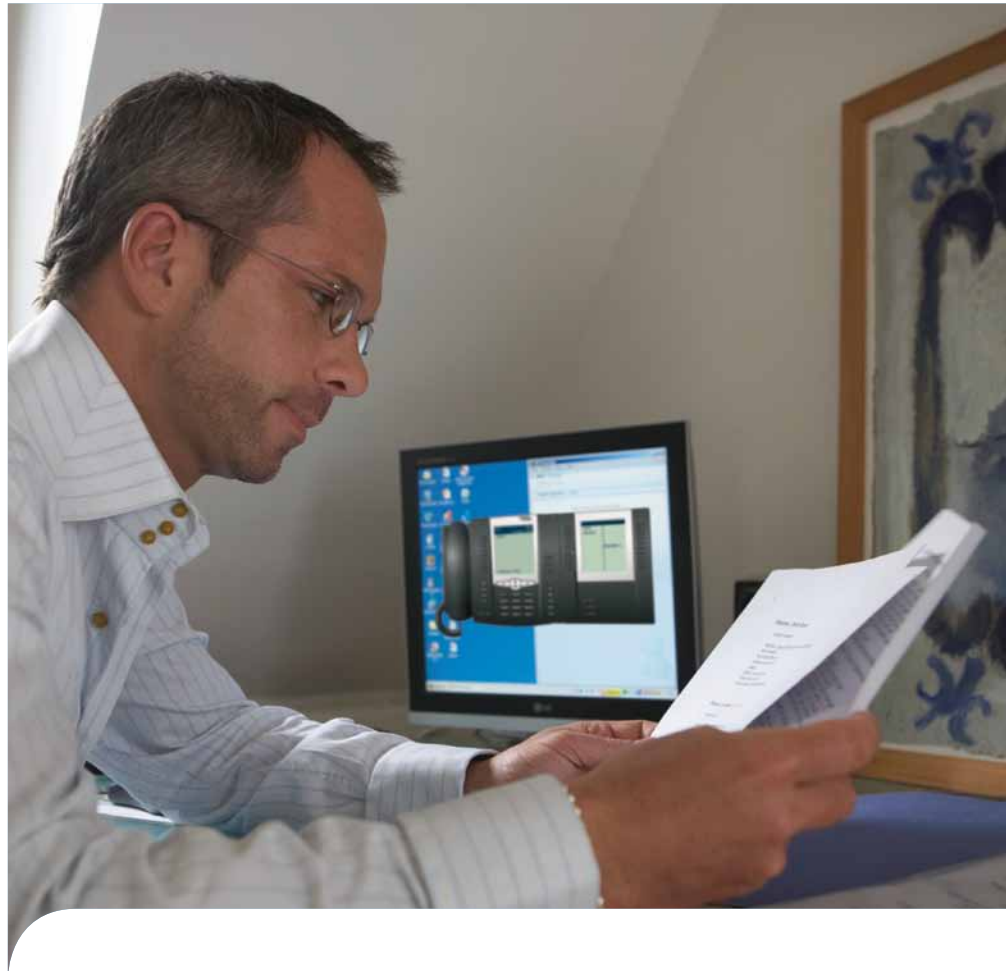
Besides the IP system phones (Aastra 6773ip, Aastra 6775ip), the SoftPhone solution (2770ip) for the notebook and also SIP terminals can be used as Voice over IP terminals. They include the phones of the Aastra 6700i range. This allows you to integrate branch offices and home workers virtually – via DSL or ISDN.

QSIG over IP

Networking two or more sites using the OpenCom 100 ITK systems and Q.SIG over IP allows a shared call number plan, and direct dialling to another site (using extension numbers). Phone calls between the sites are free of charge; internal calls are automatically routed via IP. Depending on your requirements, network sites can also be equipped with their own trunk lines if necessary.

DECToverIP

DECToverIP is the complete integration of cordless DECT telephony into an IP infrastructure. The DECToverIP base stations are connected directly to the LAN like a VoIP terminal and use the outstanding advantages of state-of-the-art DECT technology for radio transmission.



Either system phones or standard GAP terminals can be used as cordless DECT terminals. Use of the DECToverIP solution is particularly indicated for branch offices that are connected to the main office via IP routes. The integrated mobile phones are ordinary extensions

of the main office. Therefore, employees can always be contacted via their office numbers, regardless of whether they are in a branch of the company or at the head office. Using the same IP connections for data and telephony saves additional infrastructure and, thus, costs.

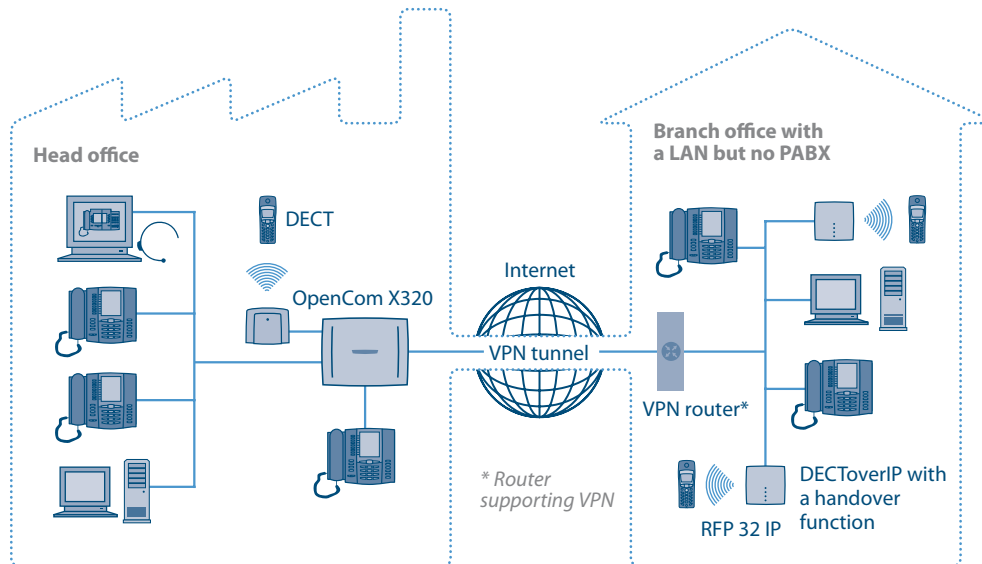


Aastra 620d



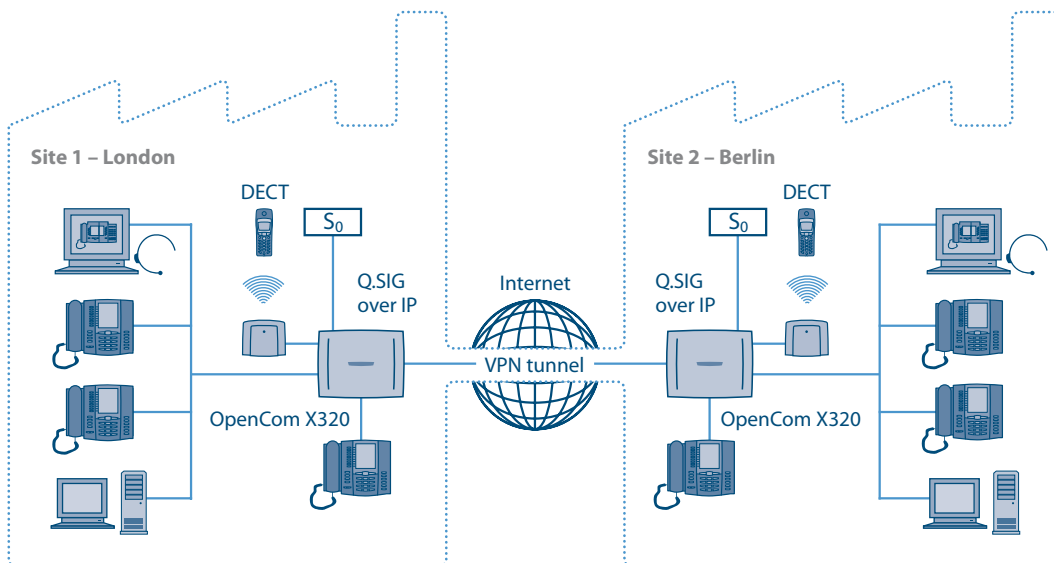
Aastra 6775ip

DECToverIP in a branch office or home office



Another VPN router is required in the PBX whenever an OpenCom 130, 150, 510 is used.

Complete system – Q.SIG over IP network



VPN routers are also required when using an OpenCom 130, 150, 510

Corded terminals

Aastra 6771

Besides the conventional open-listening function, the Aastra 6771 also features hands-free operation, a DHSG handset interface, one line key and five individually configurable function keys. The two-line display gives an overview of the phone book.

Aastra 6773

Aastra 6773 expands the functions of Aastra 6771. The four-line display provides a broader overview. Three softkeys and five function keys help to deal with demanding communication tasks. The phone can also be expanded with up to three Aastra M671 extension key modules.



Aastra 6771, 6773 and 6775 are available in black and ice grey.



Aastra 6771



Aastra 6773 / 6773ip



Aastra 6775 / 6775ip with display illumination switched on



Aastra 6773 with Aastra M671



Aastra 6775 with Aastra M676



Aastra 2770ip

Aastra 6775

Aastra 6775 was developed specifically to deal with complex communication tasks. The 11-line illuminated display and nine softkeys give a constant overview of the entire team and allow the management of the internal phone book, call lists and call switching function. The number of function keys can be expanded by using up to three Aastra M671 or Aastra M676 modules.

Aastra 6773ip / Aastra 6775ip

The IP variants of Aastra 6773 and Aastra 6775 boast the same features as their corresponding variants, and can be powered using Power-over-Ethernet. The PC can be connected directly to the Aastra 6770ip using the integrated switch, thereby reducing the infrastructure requirements.

Aastra 2770ip

Aastra 2770ip is the softphone solution for MS Windows. The IPC version offers all the features of Aastra 6771, 6773 and 6775 plus an integrated answering machine. All calls can be recorded on the hard disk, and every user on any PC has the option of accessing the user interface of his Aastra 2770ip on his desk, complete with all its pre-programmed settings, using HotDesking. In order to use Aastra 2770ip, an appropriate number of OpenSoftPhone 100 licenses must be activated.



Professional communications made easy

Simple operations involving a wide range of system functions, personalised equipment solutions to suit your requirements. The integration of innovative technologies – the Aastra 6770 terminal range stands for ergonomics and context-sensitive user prompting. Besides conventional UPN phones, IP terminals with the same range of functions are also available as an alternative. All phones are wall-mountable.

HotDesking allows you to transfer a user interface (with its individually configured function keys, call lists, personal phone book or its own call number) to another available Aastra 6770 or 2770ip. This means that several field employees can share a single workstation at the head office, for example, as each one uses their own familiar interface.

Aastra M671

The extension key module provides additional 36 softkeys (function and destination keys) and is compatible with Aastra 6773, Aastra 6773ip and Aastra 6775 and 6775ip. Three key extensions with 36 keys each can be connected in total.

Aastra M676

Aastra M676 expands Aastra 6775 and 6775ip with 20 softkeys (function and destination keys), each with three levels. The display is illuminated and a total of three Aastra M676 can be connected.

OpenSoftPhone 100

For all SoftPhones that are simultaneously active, a corresponding number of releases has to be available in OpenCom 100. The release is obtained using OpenSoftPhone 100 licenses, which are available in increments of 2, 4, 8 and 16.

These licenses can also be combined up to a maximum number of 30. For example, with one OpenSoftPhone 104 and one OpenSoftPhone 108 you can activate and use twelve Aastra 2770ip licenses simultaneously.

OpenSoftPhone 102 can be enabled for a period of 60 days for trial purposes.

SIP phones – equipped for the future



Aastra 6730i, Aastra 6731i



Aastra 6753i



Aastra 6755i



Aastra 6757i

Aastra 6730i

Aastra 6730i is a powerful VoIP SIP phone for use in an environment with a local power supply. As part of the Aastra 6700i range of business, VoIP SIP phones, it has a broad performance spectrum that meets the requirements of modern communication in a business environment. Indeed, its performance data sets it apart from all its rivals in this price segment. Ideal for simple telephone applications in small businesses or home offices.

Aastra 6731i

In addition to the Aastra 6730i, the Aastra 6731i has an integrated switch. It can be powered either via Power over Ethernet (IEEE 802.3af) or with a separate plug-in power supply unit. The entire Aastra 6700i range can be wall-mounted. With the ability of restricting premium/international, etc call numbers; these phones are ideal to place in public areas for use. The handset is hearing aids compatible, benefiting those who are hard of hearing. Nine abbreviated dialling destinations can also be stored under the digit keys of the numeric keypad.

Aastra 6753i

The Aastra 6753i standard business phone broadens the range of functions of the Aastra 6731i to include a headset socket. This means that the Aastra 6753i can also be used in any situation where users need to have their hands free, e.g. in call centres. The terminal can be easily extended if necessary with extra function keys by combining it with the Aastra M670i key module.

Aastra 6755i

The Aastra 6755i added-feature model stands out by virtue of its large graphics-compatible LCD with backlighting and six dynamic context-sensitive softkeys. Six other programmable keys are labelled using paper strips as on Aastra 6753i. If required, the number of function keys is easily augmented with up to three Aastra M670i or M675i key modules.

The Aastra 6700i range supports the system functions of Open-Com 100 systems and configuration takes place centrally via the web browser.

Aastra 6757i

The premium phone Aastra 6757i boasts the largest display in the Aastra 6750i terminal range, which is of course backlit and graphics-compatible. The terminal features six dynamic, context-sensitive keys and six individually configurable function keys, all of which can be labelled using the display. Like the Aastra 6755i it can be expanded with numerous additional destination, function or XML keys using the Aastra M670i or M675i keypad modules.

Aastra M670i

The convenient keypad extension, the Aastra M670i, equips the Aastra 6753i, Aastra 6755i and Aastra 6757i SIP terminals with 36 additional function or destination keys. Each key has an LED for status indication. Up to three Aastra M670i with 36 keys each can be connected without additional power supply.



When it comes to open standards, the universally deployable SIP phones from the Aastra 6700i range offer everything required for modern professional communication.

By supporting XML, the Aastra SIP phones open up a virtually unlimited potential for complete customisation, with little effort and seamlessly integrating user applications and services. Aastra 6700i phones can control external devices and displays, or retrieve and display measurement values.

Aastra 6700i phones are easy to configure using a web browser via OpenCom 100. All the settings are stored there, which means they are instantly available whenever a user chooses to change handset. The Aastra 6750i, Aastra 6731i and 6739i have an integrated switch for direct connection to the workstation and can be powered via the network using Power-over-Ethernet.



Aastra M670i

Aastra M675i

Aastra M675i

The Aastra M675i premium key module expands the Aastra 6755i, Aastra 6757i SIP and Aastra 6739i terminals with additional 20 softkeys (function and destination keys), each of which can be assigned with functions at three levels. The keys are easily labelled using the illuminated display, with key also having its own status LED. Up to three Aastra M675i extensions can be connected without the need for an additional power supply.

Aastra 6739i

The colour touch screen of Aastra 6739i makes the menus very easy to use. In addition to caller name, a stored picture (picture ID) can also be displayed. With the Bluetooth headset interface, employees can move about freely at the work place. The possibility to connect extension modules, Aastra M670i and Aastra 675i, gives additional overview, i.e. within the framework of the busy indicator.

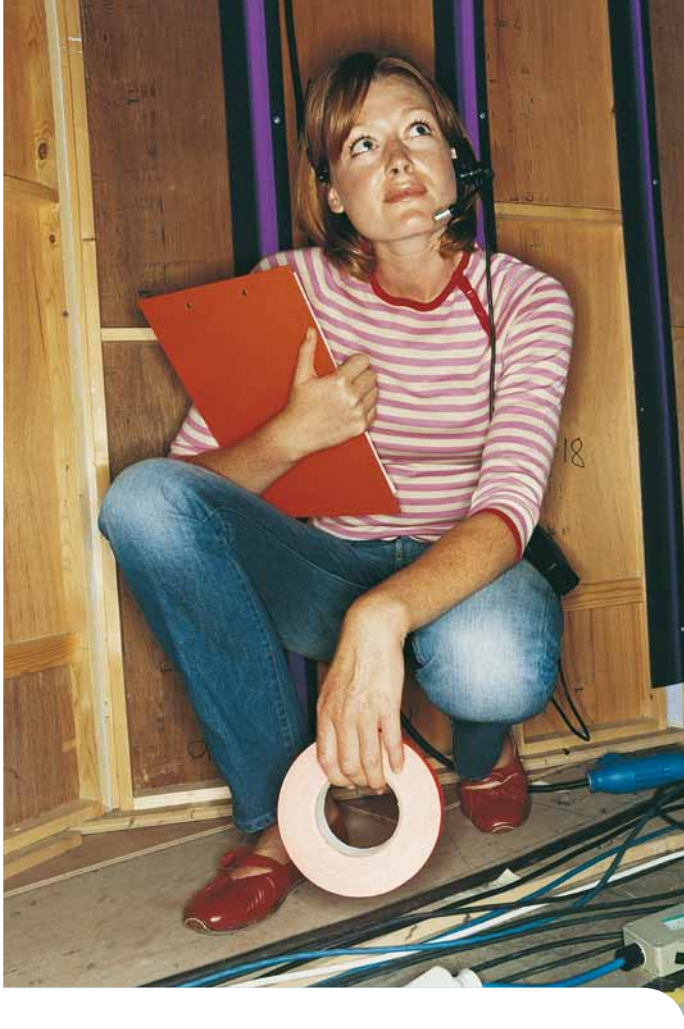


Aastra 6739i

Cordless phones – uncompromisingly mobile

With the OpenCom 100 range setting up professional cellular networks is simplicity itself. The systems operate as DECT servers and are capable of handling up to 256 base stations, ensuring the coverage of large office

spaces and entire company premises. Calls are seamlessly handed over from one DECT cell to the other, thanks to the handover function, fully enjoying the comforts of wireless communication.



Communication and mobility are essential to modern professional life. Aastra DECT solutions facilitate effective collaborative work.



Aastra 142d

Aastra 142d

The Aastra 142d offers a vibration alarm, headset socket, hands-free mode and keypad lighting.

The amber-coloured illuminated display makes for simple intuitive operation using the system menus and browsing through the phone book. The integrated memory card stores the device identification for the system. The local phone book and all the user's personal settings, (such as the phone book with up to 100 entries) are easily transferred to the new phone whenever the user changes phones. This also means that a replacement device can be used immediately without having to re-register.

With the handset fully integrated into the company network, the user is notified of any incoming e-mails and company short text messages.

Aastra 610d

The Aastra 610d is the basic model for the business sector. Like all models of the Aastra 600d range it adapts to your individual usage and communication needs. Including a headset socket, user-definable keys and 44 polyphonic and 8 non-polyphonic ring tones. Its local phone book can manage up to 200 contacts each with 7 entries.

The illuminated monochrome 2" display guarantees an optimum overview and simple operation of the clearly structured menus. The Aastra 610d is capable of withstanding the impact of dropping onto a concrete floor from a height of 1.50 m*.



The Aastra 600d range

Enjoy all the possibilities of the Aastra 600d range.

✦ An internal phone book with up to 200 contacts and seven entries each (business, private, fax and mobile phone number, e-mail address, speed-dial number and ring-tone allocation) gives you access to all the important contact information.

✦ The ambient noise filter can automatically adjust the ring tone volume to the background noise in any given situation. During a call in noisy environments the talk

volume is increased, and the distracting ambient noise filtered out.

✦ Five different application profiles allow the phones to be adapted to any given work situation, e.g. using a headset or on conference mode.

✦ User-friendly, wireless function and firmware updates via the cellular network (Download over Air).

✦ Intelligent battery management guarantees an overview of the battery capacity at all times, even after the battery is replaced.



Aastra 610d



Aastra 620d



Aastra 630d

Aastra 620d

The user-friendly Aastra 620d is the high-end mobile phone for the professional. Its large TFT colour display provides clear graphic displays and perfect legibility. Many freely programmable keys support the simple navigation and the use of different lines. In addition to the functions of the Aastra 610d, its Bluetooth interface for a cordless headset also enables maximum freedom of movement. The high-quality lithium-ion battery can be charged via the USB interface, independently of the charging bay. An optional power battery is available for operating times of up to 200 hours in standby mode.

Aastra 630d

The indestructible Aastra 630d is ideally suited for use in tough working environments. It complies with industry standard IP65 with its high level of dust protection and resistance to jet or hose water. Very easy to clean and complies with high hygiene requirements. The Aastra 630d is capable of withstanding fall heights of up to 2 metres onto concrete*, offering all the user convenience of the Aastra 620d. The integrated mandown alarm and additional emergency call key make Aastra 630d the ideal companion not just for security related professions, but also for hospitals and care facilities.

* In accordance with DIN EN 60068-2-32

Base stations



RFP 22



RFP 32 IP



RFP 24/RFP 34 IP



RFP 42 WLAN

The DECT base stations are the basic modules used to expand DECT radio networks on OpenCom 100 systems. Each of these stations provides a separate cell with a range of up to 300m within the DECT radio network. There is a choice of base stations for connection to the classic 2-wire line (DECT) or for the IP network (DECToverIP).

RFP 22 – the DECT indoor base station

RFP 22 provides four to eight simultaneous call connections with one to two UPN interfaces. It is powered via the 2-wire system interface and has a range of 1000 metres.

RFP 24 – the DECT outdoor base station

RFP 24 has the same functions as RFP 22, but has been designed specially for use outdoors and complies with protection class IP55. RFP 24 can be operated either with dipole or radio relay antennas, thereby adapting perfectly to the operating conditions.

RFP 32 IP – the DECToverIP indoor base station

RFP 32 IP allows full integration of DECT radio networks into the IP infrastructure and can be used to make eight calls simultaneously. It is powered either via a separate power supply unit or via Power-over-Ethernet.

RFP 34 IP – the DECToverIP outdoor base station

RFP 34 IP combines the features of RFP 32 IP with outdoor operating requirements (protection class IP55). If required, radio relay antennas can also be used instead of the dipole antennas. RFP 34 IP is powered using Power-over-Ethernet.

Radio network set-ups in environments with large metal surfaces (ie. system buildings) can be difficult without the use of DECT XQ, due to occurrence of reflections. To ensure optimum voice quality each base station can be activated with DECT XQ.

RFP 42 WLAN – the DECToverIP / WLAN base station*

RFP 42 WLAN judiciously combines two mobile standards: DECT on the one hand allows mobile system phones to be operated while the integrated WLAN access point ensures that mobile PCs or workstations have access to the corporate network. The centralised management means that a hotspot with several WLAN access points can be set up.

* Not available in all countries.

Fixed Mobile Convergence

Contactable whenever you want

For customers and suppliers, always reachable can be a blessing. However, giving business partners your mobile phone number might mean the end of your well-earned rest during holidays or at weekends.

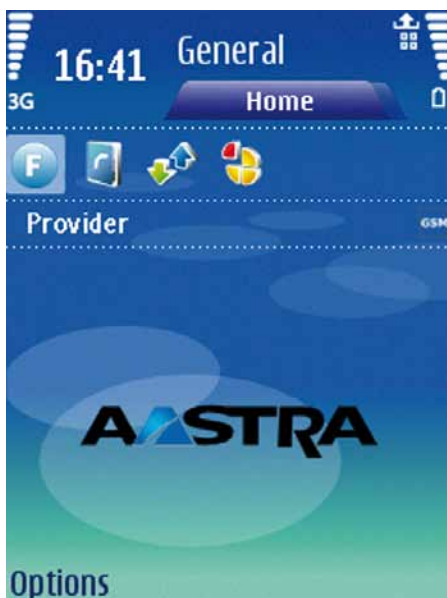
If Fixed Mobile Convergence (FMC) is integrated, the user decides when and where he wishes to be reached.

Installing Aastra Mobile Client (AMC) on the GSM phone allows it to work like an OpenCom 100 terminal. Internal subscribers are easily reached on their one to five-digit call number.

Outgoing calls are made by the subscribers via the company's fixed network number. The mobile phone number remains "secret". All calls reach the fixed phone on the desk and the mobile phone at the same time. No-one has to worry about where the call partner might be or which call number has to be dialled to reach him – there is only one number (one-number concept).

The line key on the busy lamp field of the system and Aastra SIP phones indicates "busy", even if a conversation is being held with AMC on the mobile.

With AMC, there is an additional menu on the mobile, which is compatible with any mobile both in terms of appearance and use. The Nokia mobile has a Nokia menu, and BlackBerry users are able to operate the new menu in the usual BlackBerry way. Functions like enquiry, transfer and 3-way conference are comfortable to use with it.



There is only one voicemail box which records unanswered calls and must be queried. With the TAKE feature the subscriber can continue any calls on his desktop originally set up on the move, without any interruption; likewise he can transfer calls that were initiated

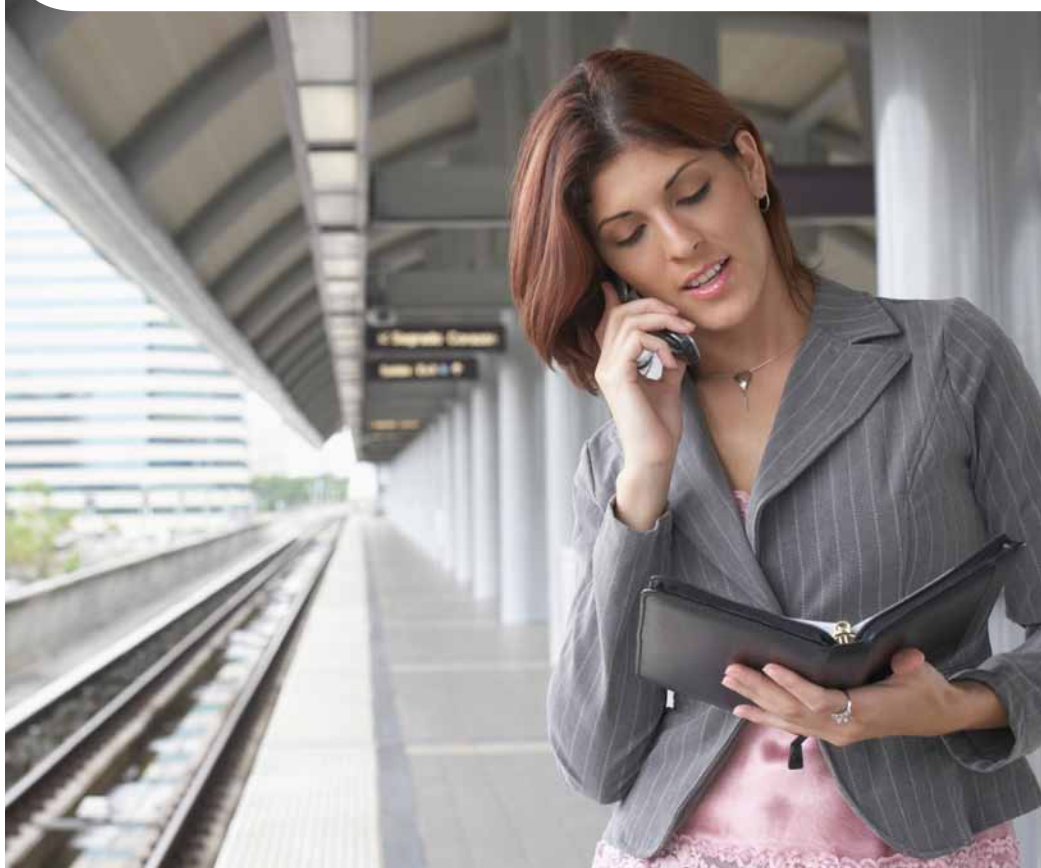
in the office to his mobile phone and continue the call on the move.

If you do not wish to be disturbed, just activate the Do not disturb function on AMC. Only people who have your mobile call number will be able to reach you.

Requirements for FMC with the OpenCom 100 range

All calls via AMC are made via OpenCom 100. For this reason a sufficient number of voice channels is necessary for non-blocking communication. These channels must support the "clip no screening" feature.

One OpenAccess Mobile Client license is necessary for each installed AMC and for each GSM phone logged in. To use FMC cost-effectively you should select a suitable tariff model between leased line and mobile radio connection.



Applications and licenses – intelligent solutions for every requirement

Communication can have a big impact – when seamlessly integrated into your business processes. OpenCom 100 applications provide intelligent, fast solutions for any scenario. To meet specific requirements, these modules can be easily combined and extended to create complex customised system solutions.

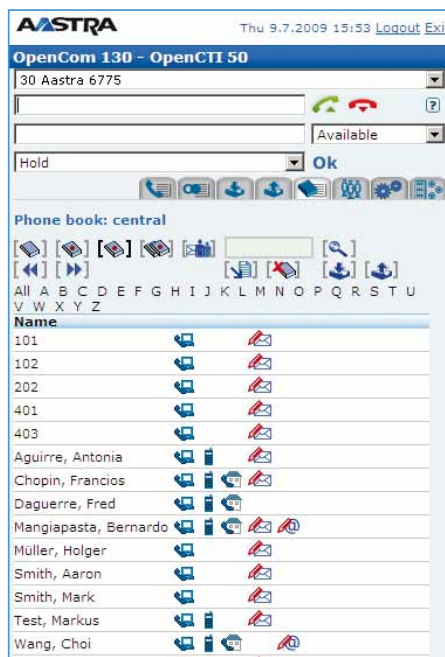
OpenVoice 200* – do not miss a single call

Every caller is a potential customer. With OpenVoice 200 you can assist callers when you are not personally present. Outside office hours, messages are taken by voice mailboxes which can be flexibly configured. The user is notified by e-mail that a message is waiting, and the message is attached to the e-mail. During working hours the “announcement before answering” function allows you to greet callers on behalf of the company and includes a message about your latest product, as an example.

OpenVoice provides individual voice mailboxes for up to 200 employees or user groups, depending on the version chosen. With all Aastra system phones, OpenVoice can be conveniently controlled from the display. The announcement texts are recorded, saved and selected using the phone.

OpenCTI 50* – browser-based CTI with that little bit extra

OpenCTI 50 offers more than just computer telephony integration (CTI) – the seamless combination of data and voice communication throughout a company. OpenCTI 50 allows users to dial numbers from the phonebook via the web browser on their PC, check and manage their voice mailbox – and much more. For example, OpenCTI 50 can also send text messages to system phones – very useful when you are in a meeting and need to notify someone of an important call you are expecting without causing a disturbance. It also significantly simplifies the operation of OpenVoice 200, particularly recording, saving and selecting announcement texts. OpenCTI 50 is



required to record professional-standard announcements.

OpenAttendant 205* – more service for your customers

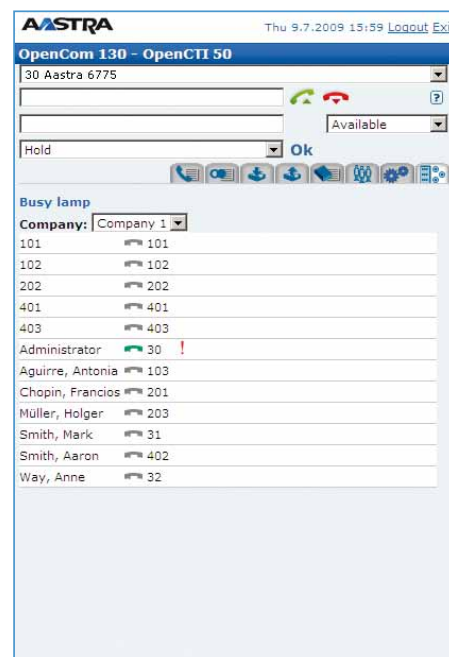
Forwarding customers intelligently to the right contact person and responding automatically to customer requests helps you make efficient use of resources and increases customer satisfaction. The optimum solution to both tasks is OpenAttendant 205, the innovative alternative to a conventional switchboard which can also be used for information and announcement services.

This application provides complete, automatic and interactive caller guidance using the phone's keypad. The menus can be freely defined, and up to ten auto attendant systems are supported.

Access to particular areas can be protected by a PIN. The module contains announcement-text and music-on-hold functions, as well as conversion software.

OpenCompany 45*

If OpenCom 100 is deployed for a group of companies or in shared offices, Open-



Company 45 enables you to keep the communications and costs incurred by up to five different user groups separate from each other. This separation covers the outside lines, call distribution, phonebook, call data recording and trunk group seizure. Every company can maintain its own phonebook. Important numbers used by more than one company, such as couriers or pizza delivery services, can be accessed via the central phonebook which is accessible to all companies.

*Try it out for yourself! All applications are already pre-installed. You can test the applications marked with an * for 60 days, with all its functions.*

OpenCount 100*

OpenCount 100 centrally records all call data (6000 data records), and provides clear and detailed evaluations. Using the integrated export function, data can be transferred to other programs for further processing.

Solution for guesthouses and hotels

With OpenHotel 20 and OpenHotel 100, OpenCom 100 offers flexible solutions for guesthouses and hotels. With its numerous professional functions including check-in / check-out, room status, wake-up service, call recording with OpenCount 100 and message waiting on system phones or suitable analogue telephone.

OpenHotel 20

Your system telephone can give an overview of the status of up to 20 rooms in guesthouses and small hotels (vacant, occupied or to be cleaned). Moreover, the room key is used to manage check-in/check-out and to display room availability. Call charges can be shown on the terminal display when guests wish to check out.

OpenHotel 100*

OpenHotel 100 is ideal for hotels with up to 200 rooms and provides an overview of the status of all rooms on the receptionist's PC. The language of the display texts used on the guest's room telephone can be set via the browser when the guest checks in. If desired, guests can be given a printed telephone bill when they check out.



AASTRÅ Thu 9.7.2009 13:08 Logout Exit

OpenCom 130 - OpenHotel 100

Room	Name	Wakeup call	Duration of stay	Notes
101				AC, Minibar
102				Balcony
103	Aguirre, Antonia (ES)		Thu 09.07.09 - Sat 31.10.09	
201	Chopin, Francios (FR)	06:30	Thu 09.07.09 - Tue 22.12.09	
202				Kingsize
203	Müller, Holger (DE)		Thu 09.07.09 - Sat 16.01.10	
401				
402	Smith, Aaron (GB)	04:45	Thu 09.07.09 - Thu 22.07.10	Early bird
403				

Room 202 - Wakeup call - Windows Internet Explorer

Time: 07 : 00 hh:mm

Reset:

OK Cancel

AASTRÅ Tue 14.7.2009 13:47 Logout Exit

OpenCom 130 - OpenHotel 100

Floor	Room	Name	Duration of stay
4	401		
4	402	Smith, Aaron (GB)	Thu 09.07.09 - Thu 22.07.10
4	403		
2	201	Chopin, Francios (FR)	Thu 09.07.09 - Tue 22.12.09
2	202		
2	203	Müller, Holger (DE)	Thu 09.07.09 - Sat 16.01.10
1	101		
1	102		
1	103	Aguirre, Antonia (ES)	Thu 09.07.09 - Sat 31.10.09

Connection licenses:

OpenLine SIP 2

The OpenLine SIP 2 license activates two IP connections via SIP. Multiple activation is possible up to the number of gateway channels present. The lines (SIP, ISDN or analogue) are either seized automatically using the LCR feature or the phonebook, or seized manually using an exchange code digit.

OpenLine QSIG-IP 1

QSIG over IP allows communications systems at remote sites to be networked over IP routes. A license is required for each end point (networking between several OpenCom 100 systems or with OpenCom 1000 and Astra 800).

Additional connection licenses

- ✧ OpenAccess 675xi for Aastra SIP terminals
- ✧ OpenAccess SIP 101 for SIP phones from other manufacturers
- ✧ OpenSoftphone 100 (for 2, 4, 8 or 16 softphones)

Overview of expansion possibilities



	OpenCom 131	OpenCom 130	OpenCom X320	OpenCom 150	OpenCom 510								
Connections													
Basic configuration													
S ₀ external	1	1	1	-	-								
S ₀ switchable	1	1	1	-	-								
U _{PN}	3	3	3 DECT-compatible	-	-								
a/b, CLIP-compatible	8	4	8	-	-								
slots	1 (M100-AT4 only)	3 (optional)	2	5	12								
WAN	-	-	1	-	-								
LAN	1	1	3 (2× Power over Ethernet ¹)	1	1								
Soft gateway	4 IP<->NonIP-channels	4 ² IP<->NonIP-channels	3 ² IP<->NonIP-channels	4 ² IP<->NonIP-channels	-								
Dimensions: (W×H×D):	400×400×122 mm	400×400×122 mm	368×368×124 mm 482×3HE×347 mm (rack)	400×400×100 mm 482×3HE×347 mm (rack)	482×5HE×385 mm								
Special slots													
V.24	M100-V.24 separate slot	M100-V.24 separate slot	M300-FAX/V.24 separate slot	M100-V.24 separate slot	1								
door intercom (FTZ 123D12)	M100-TFE separate slot	M100-TFE separate slot	-	M100-TFE2 separate slot	-								
S _{2M}	-	S _{2M} -Module separate slot	-	S _{2M} -Module separate slot	MT+S _{2M} 1-1 ³ 1×S _{2M}								
modular expansions													
		slot			slot								
		1	2	3	1	2	1	2	3	4	5		
S ₀ switchable	-	M100-S4, 4×S ₀			M100-S4, 4×S ₀		M100-S4, 4×S ₀					MX+S ₀ 1-8 8×S ₀ switchable	
		x	x	-	x	x	x	x	x	x	-		-
		M100-S2U6d 2×S ₀ and 6×U _{PN}			M100-S2U6d 2×S ₀ and 6×U _{PN}		M100-S2U6d 2×S ₀ and 6×U _{PN}						
		x	x	-	x	x	-	x	x	x	-	-	
		M100-S2A6 2×S ₀ and 6×a/b			M100-S2A6 2×S ₀ and 6×a/b		M100-S2A6 2×S ₀ and 6×a/b						
		x	x	-	x	x	-	x	x	-	-		
U _{PN}	-											MS+U _{PN} 1-8, 8×U _{PN}	
U _{PN} DECT-compatible	-	M100-U4d, 4×U _{PN}			M100-U4d, 4×U _{PN}		M100-U4d, 4×U _{PN}					MS+U _{PN} 2-8, 8×U _{PN}	
		x	x	-	x	x	x	x	x	x	-		-
		M100-U8d, 8×U _{PN}			M100-U8d, 8×U _{PN}		100-U8d, 8×U _{PN}						
		x	x	-	x	x	-	x	x	x	-	-	
		M100-S2U6d 2×S ₀ and 6×U _{PN}			M100-S2U6d 2×S ₀ and 6×U _{PN}		M100-S2U6d 2×S ₀ and 6×U _{PN}						
		x	x	-	x	x	-	x	x	-	-		
a/b, CLIP-compatible	-	M100-A4, 4×a/b			M100-A4, 4×a/b		M100-A4, 4×a/b					MS+A1-8, 8×a/b	
		x	x	x	x	x	-	x	x	x	x		
		M100-A8, 8×a/b			M100-A8, 8×a/b		M100-A8, 8×a/b						
		x	x	x	x	x	-	x	x	x	x		
		M100-S2A6 2×S ₀ and 6×a/b			M100-S2A6 2×S ₀ and 6×a/b		M100-S2A6 2×S ₀ and 6×a/b						
		x	x	-	x	x	-	x	x	-	-		
analogue exchange (HKZ)	M100-AT4, 4×HKZ	M100-AT4, 4×HKZ			M100-AT4, 4×HKZ		M100-AT4, 4×HKZ					MT+A1-4, 4×HKZ	
		-	-	x	x	x	-	-	x	x	x		
VoIP gateway	-	M100-IP ⁴ , 8 channels			M100-IP, 8 channels		M100-IP, 8 channels					MG+ETH1-1 ³ , 16 channels	
		-	(x)	(x)	-	x	-	-	x	x	-		

(1) IP system phones or IP DECT base stations can be connected without additional power supply units. OpenCom X320 provides the power supply. (IEEE 802.3af, class 3)

(2) no longer available if M100-IP is used

(3) 4×pluggable

(4) 1×pluggable

OpenCom range deployment fields



The OpenCom 100 system range at a glance

	DECT	DECTover IP	Softgateway IP-NonIP channels	Max. gateway channels with gateway module(s)	Max. number of simultaneous SIP connection possible (internet telephony)	Q.SIG over IP	VPN	DynDNS	Cascading	Operating System
OpenCom 131	-	-	4	4 ⁷	-	-	-	-	-	OSE
OpenCom 130	x ¹	x ³	4	8 ⁴	8 ³	x ^{3,6}	-	-	x	OSE
OpenCom 150	x ¹	x ³	4	16 ⁴	16 ³	x ^{3,6}	-	-	-	OSE
OpenCom 150 rack	x ¹	x ³	4	16 ⁴	16 ³	x ^{3,6}	-	-	x	OSE
OpenCom 510	x ²	x ³	-	64 ⁴	64 ³	x ^{3,6}	-	-	x	OSE
OpenCom X320	x	x	32	40 ⁵	8 ³	x ³	x	x	-	Linux

(1) only with M100-Ud modules

(2) only with MS+UPN2-8

(3) Gateway module required

(4) with echo cancellation and

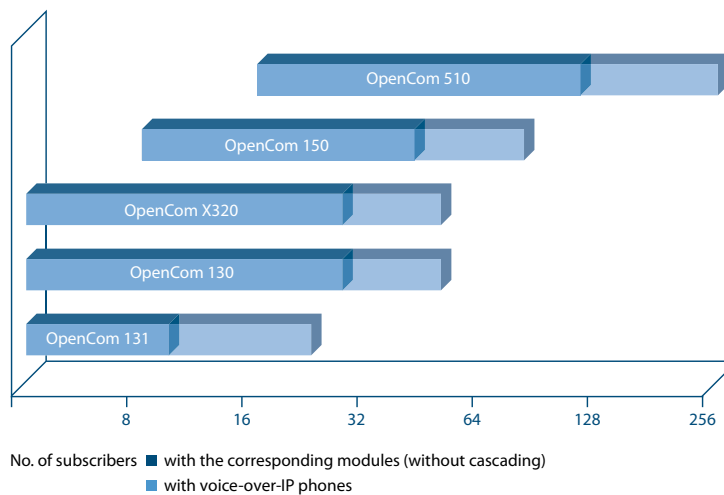
compressing codecs

(5) 8 channels with echo cancellation and compressing codes

(6) separate VPN router required

(7) for Aastra 6770ip only

Areas of application for system variants of the OpenCom 100 range



Overview of corded system phones



Aastra 6771	Aastra 6773	Aastra 6773ip	Aastra 6775
Equipment			
1 line key with LED	3 softkeys/line keys with LED	3 softkeys/line keys with LED	9 softkeys/line keys with LED
5 user-programmable keys with LED	5 user-programmable keys with LED	5 user-programmable keys with LED	
15 function keys, of which 4 with signalling via LED	15 function keys, of which 4 with signalling via LED	15 function keys, of which 4 with signalling via LED	15 function keys, of which 4 with signalling via LED
	Scroll key	Scroll key	Scroll key
2-line display with 19 characters	4-line graphic display 144×48 pixels	4-line graphic display 144×48 pixels	11-line backlit graphic display 144×128 pixels
UPN interface	UPN interface	Ethernet interface	UPN interface
	Adjustable to four different heights with an angle stand	Adjustable to four different heights with an angle stand	Adjustable to four different heights by means of snap-in feet
suitable for wall mounting	suitable for wall mounting	suitable for wall mounting	suitable for wall mounting
	expandable with up to three Aastra M671	expandable with up to three Aastra M671	expandable with up to three Aastra M671 or M676
DHSG headset socket	DHSG headset socket	DHSG headset socket and Ethernet switch for one PC	DHSG headset socket
Powered by the system itself via UPN interface	Powered by the system itself via UPN interface	Powered via power supply unit or Power-over-Ethernet (IEEE 802.3af, class 3)	Powered by the system itself via UPN interface
Features			
Menu card function	Menu card function	Menu card function	Menu card function
Variable menu structure, depending on the call status	Variable menu structure, depending on the call status	Variable menu structure, depending on the call status	Variable menu structure, depending on the call status
Adjustable volume (handset, loudspeaker, ring tone and headset)	Adjustable volume (handset, loudspeaker, ring tone and headset)	Adjustable volume (handset, loudspeaker, ring tone and headset)	Adjustable volume (handset, loudspeaker, ring tone and headset)
Hands-free operation	Hands-free operation	Hands-free operation	Hands-free operation
Mute function	Mute function	Mute function	Mute function
Call Preparation	Call Preparation	Call Preparation	Call Preparation
Redial	Redial	Redial	Redial
Call list with date and time	Call list with date and time	Call list with date and time	Call list with date and time
LEDs for signalling call transfer statuses (call protection, call forwarding) and additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and additional information (e.g. message waiting or e-mail)
Receiving SMS	Receiving SMS	Receiving SMS	Receiving SMS
Dimensions (W×H×D): 221×188×47 mm	Dimensions (W×H×D): 235×208×46 mm	Dimensions (W×H×D): 235×208×46 mm	Dimensions (W×H×D): 235×208×46 mm
Colour: black or ice grey	Colour: black or ice grey	Colour: black	Colour: black or ice grey

Accessories



Aastra 6775ip	Aastra 2770ip	Aastra M671 for Aastra 6773, 6773ip, 6775, 6775ip	Aastra M676 for Aastra 6775, 6775ip	
9 softkeys/line keys with LED	PC user interface either as Aastra 6771, Aastra 6773 or Aastra 6775 plus: skin-compatible interface design (possibility of changing the interface design by downloading patterns)		20 softkeys/line keys with LED	
15 function keys, of which 4 with signalling via LED			36 freely configurable keys with LED	
Scroll key			3 function keys for switching between 3 levels	
11-line backlit graphic display 144×128 pixels			11-line backlit graphic display 144×128 pixels	
Ethernet interface			Adjustable to four different heights with an angle stand	Adjustable to four different heights with an angle stand
Adjustable to four different heights with an angle stand			suitable for wall mounting	suitable for wall mounting
suitable for wall mounting				
expandable with up to three Aastra M671 or M676				
DHSG headset socket and Ethernet switch for one PC			Power supply required, power supply unit or Power-over-Ethernet	Power supply required, power supply unit or Power-over-Ethernet
Powered via power supply unit or Power-over-Ethernet (IEEE 802.3af, class 3)				
Menu card function	same as Aastra 6775ip, plus: Call recording function PC answering machine free seating/roaming user			
Variable menu structure, depending on the call status				
Adjustable volume (handset, loudspeaker, ring tone and headset)				
Hands-free operation				
Mute function				
Call Preparation				
Redial				
Call list with date and time				
LEDs for signalling call transfer statuses (call protection, call forwarding) and additional information (e.g. message waiting or e-mail)			LEDs for signalling call transfer statuses (call protection, call forwarding) and additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and additional information (e.g. message waiting or e-mail)
Receiving SMS				
Dimensions (W×H×D): 235×208×46 mm		Dimensions (W×H×D): 150×200×46 mm	Dimensions (W×H×D): 150×200×46 mm	
Colour: black		Colour: black or ice grey	Colour: black or ice grey	

Overview of SIP phones



Aastra 6730i	Aastra 6731i	Aastra 6739i	Aastra 6753i
Equipment			
max. 6 lines	max. 6 lines	max. 9 lines	max. 9 lines
2 fixed line keys	2 fixed line keys	3 fixed line keys with LEDs	3 fixed line keys
8 configurable keys with LED	8 configurable keys with LED	55 individually configurable keys on the display	6 configurable keys with LED
10 fixed function keys plus 4-way navigation	10 fixed function keys plus 4-way navigation	14 fixed function keys	8 fixed function keys plus 4-way navigation
Scroll key	Scroll key	Picture ID – displaying the caller's picture	Scroll key
3-line display of 16 characters each	3-line display of 16 characters each	5,7" (14.5 cm) colour touch screen LCD VGA resolution (640x480)	3-line display of 16 characters each, backlit ¹
Adjustable to four different heights with an angle stand	Adjustable to four different heights with an angle stand	Adjustable to four different heights with an angle stand	Adjustable to four different heights with an angle stand
suitable for wall mounting	suitable for wall mounting	suitable for wall mounting	suitable for wall mounting
Network connection 10/100 Mb/s	Ethernet switch for 1 PC 10/100 Mb/s	can be extended with up to three M670i or M675i Headset socket (RJ-45) and Ethernet switch for 1 PC 10/100/1000 Mb/s	can be extended with up to three M670i Headset socket (RJ-11) and Ethernet switch for 1 PC 10/100 Mb/s
Powered by power supply unit	Powered by Power over Ethernet (IEEE 802.3af, class 3) or optional power supply unit	Powered via Power over Ethernet (IEEE 802.3af, class 3) or power supply unit	Powered via Power over Ethernet (IEEE 802.3af, class 3) or power supply unit
		USB interface, Bluetooth headset compatible	
Features			
Auto-rollout	Auto-rollout	Auto-rollout	Auto-rollout
Auto-provisioning	Auto-provisioning	Auto-provisioning	Auto-provisioning
Destination dialling	Destination dialling	Phone book (centrally on the Aastra 800) Destination dialling	Destination dialling
Call forwarding on/off	Call forwarding on/off	FreeSeating / HotDesking Call forwarding on/off	Call forwarding on/off
XML browser	XML browser	Call forwarding menu settings XML browser	XML browser
Open listening and hands-free	Open listening and hands-free	Voicemail display and retrieval Open listening and hands-free	Open listening and hands-free
Mute function	Mute function	Mute function	Mute function
Busy lamp field	Busy lamp field	Busy lamp field with Pickup function	Busy lamp field with Pickup function
Call list with date and time	Call list with date and time	Call list with date and time	Call list with date and time
LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)
Dimensions (WxHxD): 178x208x77 mm	Dimensions (WxHxD): 178x208x77 mm	Dimensions (WxHxD): 178x208x77 mm	Dimensions (WxHxD): 235x208x46 mm
Colour: black	Colour: black	Colour: black	Colour: black

The OpenCom 100 family supports Aastra Hi-Q Audio with release 10.

(1) adjustable to "always off" and "automatic"

Accessories



Aastra 6755i	Aastra 6757i
max. 9 lines	max. 9 lines
4 fixed line keys	4 fixed line keys
6 configurable keys with LED	
6 configurable keys with labelled in the display, with LEDs (5 configurable in 3 levels)	5 keys configurable in 2 levels and 5 keys configurable in 4 levels, labelled in the display, with LEDs
8 fixed function keys plus 4-way navigation	8 fixed function keys plus 4-way navigation
Scroll key	Scroll key
Graphic display with 144x75 pixels, backlit ¹	Graphic display with 144x128 pixels, backlit ¹
Adjustable to four different heights with an angle stand	Adjustable to four different heights with an angle stand
suitable for wall mounting	suitable for wall mounting
can be extended with up to three M670i and M675i	can be extended with up to three M670i and M675i
Headset socket (RJ-11) and Ethernet switch for 1 PC 10/100 Mb/s	Headset socket (RJ-11) and Ethernet switch for 1 PC 10/100 Mb/s
Powered via Power over Ethernet (IEEE 802.3af, class 3) or power supply unit	Powered via Power over Ethernet (IEEE 802.3af, class 3) or power supply unit
Auto-rollout	Auto-rollout
Auto-provisioning	Auto-provisioning
Phone book (central OpenCom)	Phone book (central OpenCom)
Destination dialling	Destination dialling
	FreeSeating / HotDesking
Call forwarding on/off	Call forwarding on/off
Call forwarding menu settings	Call forwarding menu settings
XML browser	XML browser
Voicemail display and retrieval	Voicemail display and retrieval
Open listening and hands-free	Open listening and hands-free
Mute function	Mute function
Busy lamp field with PickUp function	Busy lamp field with PickUp function
Call list with date and time	Call list with date and time
LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)
Dimensions (WxHxD): 235x208x46 mm	Dimensions (WxHxD): 235x208x46 mm
Colour: black	Colour: black

Aastra M670i for Aastra 6753i, 6755i, 6757i, 6739i	Aastra M675i for Aastra 6755i, 6757i, 6739i
	20 softkeys/line keys with LED
36 user-configurable keys with LED	
	3 function keys for toggling between 3 levels
	11-line illuminated graphic display 144x128 pixels
Adjustable to four different heights with an angle stand	Adjustable to four different heights with an angle stand
suitable for wall mounting	suitable for wall mounting
Power supply comes from the phone	Power supply comes from the phone
LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	LEDs for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)
dimensions (BxHxT): 150x200x46 mm	dimensions (BxHxT): 150x200x46 mm
Colour: black	Colour: black

Overview of DECT system phones



Aastra 610d	Aastra 620d	Aastra 630d	Aastra 142d
Equipment			
3 softkeys, 4 configurable keys	3 softkeys, 8 configurable keys	3 softkeys, 8 configurable keys	2 Softkeys
Illuminated keypad	Illuminated keypad	Illuminated keypad	Illuminated keypad
			4 permanently assigned function keys
Navigation key	Navigation key	Navigation key	Scroll key
8-line LC display (2", 176x160 pixels), backlit	9-line TFT colour display (2", 176x220 pixels, 65.536 colours), backlit	9-line TFT colour display (2", 176x220 pixels, 65.536 colours), backlit	5-line graphic display 96x60 pixels, backlit
	USB connection	USB connection	USB connection
DECT interface with system functionality	DECT interface with system functionality	DECT interface with system functionality	DECT interface with system functionality
Headset socket	Headset socket and Bluetooth	Headset socket and Bluetooth	Headset socket
44 polyphonic/8 non-polyphonic ringing melodies	44 polyphonic/8 non-polyphonic ringing melodies	44 polyphonic/8 non-polyphonic ringing melodies	30 adjustable ring tone melodies
	Vibration alarm	Vibration alarm	Vibration alarm
Belt clip	Belt clip	Belt clip	Belt clip
Download over air	Download over air	Download over air	
			MEM card (for phone book with 100 entries and device-specific data)
Weight: approx. 120 g	Weight: approx. 120 g	Weight: approx. 137 g	Weight: approx. 138 g
Standby: 100 hours	Standby ¹ : 100 hours	Standby ¹ : 100 hours	Standby: 140 hours
Talk time: 12 hours	Talk time ¹ : 12 hours	Talk time ¹ : 12 hours	Talk time: 14 hours
Battery pack (lithium ion)	Battery pack (lithium ion)	Battery pack (lithium ion)	Battery: NiMH battery cells (AAA)
	optional power battery pack (lithium ion)	optional power battery pack (lithium ion)	
Charging time: approx. 2.5 hours for an empty standard battery	Charging time: approx. 2.5 hours for an empty standard battery	Charging time: approx. 2.5 hours for an empty standard battery	Charging time: approx. 6 hours for an empty battery
Features			
5 configurable user profiles	5 configurable user profiles	5 configurable user profiles	
Variable menu structure, depending on the call status	Variable menu structure, depending on the call status	Variable menu structure, depending on the call status	Variable menu structure, depending on the call status
Adjustable volume (handset, loudspeaker, ringing tone)	Adjustable volume (handset, loudspeaker, ringing tone)	Adjustable volume (handset, loudspeaker, ringing tone)	Adjustable volume (handset, loudspeaker, ringing tone)
Hands-free operation	Hands-free operation	Hands-free operation	Hands-free (key with red LED)
Adaptation of the ringing tone and talk volume to ambient noise levels	Adaptation of the ringing tone and talk volume to ambient noise levels	Adaptation of the ringing tone and talk volume to ambient noise levels	
	Adjustable display font size	Adjustable display font size	
		SOS key and dead-man circuit, 3 sensor alarms	SOS key
Call list with date and time	Call list with date and time	Call list with date and time	Call list with date and time
Symbol bar for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	Symbol bar for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	Symbol bar for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)	Symbol bar for signalling call transfer statuses (call protection, call forwarding) and displaying additional information (e.g. message waiting or e-mail)
Receiving SMS	Receiving SMS	Receiving SMS	
Handset dimensions (WxHxD): 49x135x22.5 mm	Handset dimensions (WxHxD): 49x135x22.5 mm	Handset dimensions (WxHxD): 53x135x22.5 mm	Handset dimensions (WxHxD): 55x146x28 mm
Protectiontype: IP50	Protectiontype: IP50	Protectiontype: IP65	Protectiontype: IP50
Colour: black/grey/silver	Colour: black/grey/silver	Colour: black/grey/silver	Colour: black/metallic silver

(1) The values apply to the standard battery pack and double whenever the power battery pack is used.

DECT and DECToverIP base stations



DECT base stations: RFP 22 (indoor) RFP 24 (outdoor)		DECT over IP base stations: RFP 32 IP (Indoor), RFP 34 IP (Outdoor)		DECT over IP base station and WLAN access point RFP 42 WLAN	
Equipment					
Standard DECT Network standard: U _{PN}		Radio standard DECT Network standard: TCP IP		Radio standard DECT WLAN (IEEE 802.11 b and g) Network standard: TCP IP	
Features					
Voice and data transmission		Voice and data transmission		Voice and data transmission	
Data transmission via the air interface		Data transmission via the air interface		Data transmission via the air interface	
Connection via 1 U _{PN} interface for 4 parallel calls		Access via Ethernet LAN with TCP IP on OpenCom 100		Access via Ethernet LAN with TCP IP on OpenCom 100	
or					
Connection via 2 U _{PN} interfaces for 8 simultaneous calls		8 simultaneous calls		8 simultaneous calls	
Powered by the system via U _{PN} interface		Power supply: Power-over-Ethernet, alternatively plug-in power supply unit (RFP 32 IP only)		Power supply: Power-over-Ethernet, alternatively Plug-in power adapter	
Automatic propagation time measurement		Sync-over-Air		Sync-over-Air	
Cable length up to 1 km		Cable length similar to Ethernet standard		Cable length similar to Ethernet standard	
Operating mode display via LED (RFP 22 only)		Operating mode display via LEDs (RFP 32 IP only)		Operating mode display via LED	
Wall mountable, also at 180° for RFP 22 rotated mounting possible		Wall mountable, mast mountable (RFP 34 IP)		suitable for wall mounting	
RFP 22 can be operated with integrated omni antenna, and RFP 24 with a dipole or directional antenna		RFP 32 IP can be operated with integrated omni antenna, and RFP 34 IP with a dipole or directional antenna		with integrated omni antenna for DECT, and external dipole antenna for WLAN	
Dimensions (W×H×D): RFP 22: 151×101×85 mm RFP 24: 240×236.5×65 mm		Dimensions (W×H×D): RFP 32 IP: 195×200×30 mm RFP 34 IP: 240×236.5×65 mm		Dimensions (W×H×D): 195×200×30 mm	
Protectiontype: IP55 (for RFP 24 only)		Protectiontype: IP55 (for RFP 34 IP only)		Protectiontype: IP20	
Colour: steel grey		Colour: steel grey		Colour: steel grey	



About Aastra

Aastra Technologies Limited, (TSX: "AAH") is a leading corporate communication systems company. Aastra is headquartered in Concord, Ontario, Canada. Aastra develops and markets innovative communication solutions which address the needs of companies, small and large. Aastra has representatives across the globe, with over 50 million installed connections and direct as well as indirect presence in more than

100 countries. The broad portfolio offers multi-function call managers for small and medium-sized companies as well as highly scalable call managers for large companies. The portfolio also includes integrated mobility solutions, call-centre solutions and a wide range of terminals. With strong focus on open standards and customer-specific solutions, Aastra enables companies to communicate and work together more effectively.

Please visit Aastra's website for further information: www.aastra.com