



Open up to the world... ...with NeXspan terminals

NeXspan

Today, it is possible to transmit information instantaneously thanks to the technological revolution ushered in by the Internet.

It is now very simple to communicate with people around the world. This revolution is still in progress, and we are also striving to master it.

Aastra is devoting all its energy and research efforts to making IP technology accessible to as many users as possible.

To this end, Aastra offers a full range of terminals that enable companies to easily migrate to IP.

Open up to the IP world



Migrate smoothly to the IP world

- ❖ Upgrade to IP without changing your existing terminals
- ❖ Use telephony over IP and still retain all the functions
- ❖ A competitive solution for small businesses

Upgrade very simply to IP technology and continue enjoying the functional advantages of the NeXspan offer

Aastra offers a range of three digital sets which meet all the needs of a user, the M760 set enabling the migration to IP just by adding an optional cartridge. The digital set then immediately becomes one of the highest-performance IP sets.

The main characteristics of the digital and IP sets

- ❖ **Seamless scalability:** the digital sets can be used on the existing infrastructure
- ❖ **Compatibility with other technologies:** the terminals were designed as an open system that offers a variety of services to users. Optional cartridges allow access to other interfaces (analogue or IP) on the digital set
- ❖ **User-friendliness:** the sets are easy to use, thanks to their GSM terminal-based ergonomics. Moreover, they are fitted with interactive keys, which offer pop-up menus and a particularly user-friendly navigator

Advantages of the digital and IP sets

- ❖ **User-friendly ergonomics**
 - Possibility of assigning a specific ring tone to a caller's number
 - Management of personal directories
- ❖ **Headset socket:** for call centre operators
 - Automatic headset detection
 - Functions offered: sound adjustment, mute key, flip-flop function (changing from handsfree mode to headset mode), supervision in headset mode with the handset, discreet listening on the handset for operator training
- ❖ **High-quality handsfree function:** "full duplex" echo cancellation
- ❖ **Interactive display**



Digital and IP terminals

NeXspan

A full range of terminals designed to meet everybody's needs

M725 "Call-by-name"

This digital terminal offers a set of functions, including **call by name**.

It is easy to use thanks to its simple design, and its screen enables the user to quickly read the called party or calling party's name.



M740/i740 "The manager"

Available in IP or digital version, i740/M740 terminals are multi-line and multi-key terminals perfectly suited to the management of a huge number of calls. These comprehensive and high-performance tools are easy to use thanks to their GSM-type **navigation ergonomics**.

M740/i740 terminals are the first within the range to offer a **full duplex hands-free function and a headset socket**.



M760/i760 "Open-ended evolution"

These top-of-the-range terminals exist in IP version (i760) and digital version (M760). The M760 set can be upgraded to IP connectivity simply by adding a cartridge on the rear side of the terminal.

M760/i760 terminals, mainly meant to handle a large number of calls, benefit from major technological innovations. For instance, they have an **alphabetical keypad** for managing and accessing directories.

M760/i760 terminals are particularly scalable and can be completed using **expansion modules with 20 programmable keys**: M710 and M715; this latter contains the **DECT charger**.



Communicate with complete freedom

The "Mobility" offer

*Mobility and communication
are now buzzwords
among
competitive companies*

DECT terminals: wireless terminals always at your service



Being reachable at any time, no matter the location of your company, enables you to gain time, be more reactive and, thus, considerably improve your quality of service.

Entry-level DECT terminals: M910 and M915

M910 and M915 terminals are functional, aesthetic and compatible with DECT and GAP standards. They are particularly suited to the mobility needs of professionals, hotels/motels and small and medium-sized businesses.

M920, M921 and M922 DECT terminals

M92x DECT terminals benefit from the advantages of digital technology, thus guaranteeing an excellent transmission quality as well as perfect security and confidentiality. Moreover, they offer a wide range of functions such as an [extended private directory with 100 numbers, automatic organization in alphabetical order, call by name](#), and call log with indication of missed calls. These terminals are user-friendly and very intuitive, thanks to their ergonomics.



M6241 DECT base stations

Associated with NeXspan platforms, M6241 DECT base stations are radio infrastructure, which offers mobility services to users equipped with M92x or M91x DECT terminals.

The base station locates the wireless DECT terminals within its coverage area, and allows transparent handover of wireless communications from one base station to the other.

The DECT terminal can be associated with a landline under the same extension number.



Range of analogue terminals

NeXspan

Aastra's range of professional analogue terminals comprises three terminals (M315 / M325 / M355) with excellent ergonomics and a carefully thought out design.

This range is suitable for standard, very small, small and medium-sized companies, as well as for hotels/motels and hospitals.



Main features	M315	M325	M355
LNR (last number re-dial)	1	1	5
Direct memory keys		10	16
Indirect memory	10		
Directory capacity			20
Compatibility with hearing aid	•	•	•
Mute key	•	•	•
Hold key with LED	•	•	
Clock			•
Drop-down menu			•
Number of lines / number of characters			2/14-16
Handset volume control	•	•	•
Handsfree			•
Loudspeaker		•	•
Loudspeaker or amplifier volume control		•	•
Headset socket	•		•
Number of ring tones	3	9	9
Ring tone volume control (number of levels)	3	3	3
Ringer off		•	•
Ringer indicator lamp	•	•	•
Name / number display			•
Inbound call log capacity			30
Inbound call indicator			•
Message lamp	•	•	•
Data port	•	•	•
Desktop position	•	•	•
Wall-mounting position (optional kit)	•		

SIP terminals

Today, Aastra offers solutions based on SIP (Session Initiation Protocol), which are used to support other means of communication such as SIP Softphones, available on PC or PDA, and new SIP telephones.

Aastra's catalogue contains a wide range of SIP terminals: i220, 9112i, 9133i and 480i.

Aastra SIP terminals are suitable both for very small and large companies. They advantageously replace analogue sets and offer high-quality telephony over IP functions at a lower cost.

Aastra SIP sets associated with NeXspan platforms enable you to implement a telephony solution that is compatible with the existing infrastructure while remaining open to future developments.



i220 SIP terminal

The i220 terminal benefits from the open standards of the SIP protocol while offering additional telephone features. In fact, the i220 terminal is compliant with the SIP standard but has been enhanced with NeXspan features.

i220 has a [surveillance and remote monitoring tool](#) used to identify SIP sets on the LAN, know their status, start set software update and configure sets.

Each user can use a web tool to personalise his or her terminal: memory keys and management of parameters such as volume level.

9112i, 9133i and 480i SIP terminals

Aastra's 9112i, 9133i and 480i SIP terminals are a full range of terminals meant for both small and large companies.

[Navigation keys](#) facilitate access to the different functions.

[A message lamp](#) on the three terminals indicates when a message is left in the voice mailbox.

No matter the set, the terminals have a screen, [an inbound call log with 200 names](#), an outbound call log with 100 names or even a [personalised directory with 200 names](#).

The 480i terminal has a larger screen and is [compatible with a set of personalised or generic XML applications](#), through simplified ergonomics. Therefore, users can access standard web services such as weather forecast sites, or stock market prices.

This also enables companies to give users access to customised applications, such as the corporate directory, or to vertical applications like the display of hotel room invoices for customers, room status management, etc.

480i thus gives users on-line access to a certain amount of sorted and selected information, without the users having to switch on their PC.



SIP terminals

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Features offered by the telephone				
Programmable keys	5	2	7	6
Preset function keys	8	11	10	8
Loudspeaker	•	•	•	•
Line seizure without lifting the handset		•	•	•
Screen	2 lines	3 lines	3 lines	8 lines
Headset socket	•	•	•	•
Mute	•	•	•	•
List of last inbound calls	5	200 names + No.	200 names + No.	200 names + No.
List of last outbound calls		100 names + No.	100 names + No.	100 names + No.
Personal directory	10	200 names + v	200 names + No.	200 names + No.
Handsfree		•	•	•
Hold	•	•	•	•
Conference	•			•
Automatic callback	•			
Forwarding management	•	•	•	•
Network parameters				
10/100 base T switch port	3	1	2	2
802,1Q/P	•	•	•	•
DHCP	•	•	•	•
SNTP		•	•	•
Codecs				
G711	•	•	•	•
G729A	•	•	•	•
G723	•			
Power supply				
802.3AF remote power supply	•		•	•
External power supply	Yes (basic)	Yes (basic)	Yes (basic)	Yes
Wall-mounting position	•	•	•	•
Administration, configuration				
Web interface	•	•	•	•

NeXspan SoftPhone i2052



Complete data and voice convergence

Set up telephone contact with a mouse click!

You can start a call with any correspondent, with a simple mouse click.

Your PC turns into a telephone terminal and benefits from the operating commands of the keypad and the display of information on the screen.

Broad range of services

Thanks to user-friendly commands, all the NeXspan functions are used, because they are accessible from the PC screen with just a few mouse clicks.

NeXspan Softphone (NSP) i2052, native mobility

Employee mobility is facilitated in voice over IP mode: when mobile employees sometimes come to the company, they only need to open a session with their login to find all their telephone profile characteristics on a free-service PC.

Key points of NeXspan Softphone i2052

- ❖ *Enhances employee mobility*
- ❖ *Integration of telephony into computer applications*
- ❖ *Centralised access to the different directories*

Centralised administration

NSP i2052 offers complete freedom to network managers handling user-profiles and makes image, language and sound libraries available to them. It personalises the directory function by interfacing with the NeXspan telephony server or the management application, and by choosing automatic update periods.

Unlimited personalisation

Not only does NSP i2052 offer you the choice of language, ring tones and appearances, it also allows the sharing of contacts with Outlook™. Every modification is automatically taken into account by NeXspan Softphone i2052 and Outlook™, as well as data synchronisation on GSM and PDA.



VoIP or CTI modes?

NSP i2052 natively uses either of the two modes. They can even be used together in a single application, thus centralising the management of heterogeneous sets.

Voice over IP transforms the PC into a powerful communication tool that unifies telephony, data and image.

Aastra Technologies Limited (TSX: "AAH"), headquartered in Concord, Ontario, Canada, develops and markets products and systems for accessing communication networks.

Aastra's products include a full range of residential and business telephone terminals, Enterprise Private Branch Exchanges (PBX) and network access servers.

Aastra serves the majority of telephone companies and numerous distributors in North America and Europe, with a growing presence in South America and Asia.

Aastra is number 3 in Europe on the enterprise telephony market.