

# D6600 Communications Receiver/Gateway

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**The full security range.**

Whether it is a project costing millions or a single-family home, everyone wants to provide the best security possible for their property. Bosch will help by providing the right products and systems for your individual security – no matter how complex your needs.

Our product range encompasses fire, intrusion, holdup, CCTV, wireless helpcall system and access control. With Bosch, you can easily find the security products and services you've been looking for!

**Ordering Information**

Model	Description
D6600	Communication Receiver/Gateway
D6610	CPU Card
D6615	CPU Terminator Card
D6640	Telephone Network Line Card
D6645	Telephone Network Line Terminator Card
D6672	COM 1 Expansion Package
L6600	Literature Binder
D6600CD-xxxx	D6600 CD-ROM (xxxx indicates current revision)
P6601	Battery Cable
P6602	I/O Cable
D6201	D6600 NetCom System Security Key, up to 3200 Accounts with multiple IP address access
D6680-E120	Network Adapter, Ethernet, 120/230 VAC

For more information, contact your local security dealer or visit our web site at [www.boschsecurity.com.au](http://www.boschsecurity.com.au)

The system and products described in these pages are typical, but may not be the options you decide to select. Your dealer will work with you to design a system to meet your unique needs, using the most adaptable equipment in the alarm industry.



Application and product information



# D6600 Communications Receiver/Gateway

### Expanding Technology Today

Bosch Security Systems presents the award-winning D6600 Receiver/Gateway, state-of-the-art communications equipment for alarm processing and account supervision. Following in the great tradition of innovation and reliability established by the D6000 and D6500 Digital Receivers, the D6600 platform adds the ability to communicate over multiple technologies including the rapidly expanding Internet.

### Outstanding Service, Unbeatable Support

The D6600 Receiver/Gateway is sold and serviced by factory-trained and certified dealers. These esteemed dealers are backed by our renowned Engineering and Technical Support departments 24 hours a day, 7 days a week. Investing in a certified security dealer is an investment in quality and service that is unmatched in the industry.

### Dynamic Communications

The D6600 communicates a high volume of alarm and supervisory event information to your Automation Software through an Ethernet connection to your Local Area Network (LAN) using a D6680 Network Adapter or through a standard RS232 serial port. You get the flexibility of having your Automation System computer and the D6600 Receiver located virtually anywhere with no co-location restrictions.

### Ease of Use

The D6200 Programming/Administration Software is a PC-based software package for easy programming of the D6600. The D6200 software also provides diagnostic information. Updates for the D6600 operating firmware are available immediately through the Internet, conveniently keeping you up to date. Since the D6600 Receiver can be connected to the D6200/PC over a Local or Wide Area Network (LAN/WAN), you can physically locate these operational functions wherever it is most convenient for your overall application.

The D6600 recognises over 70 communication formats, an essential capability for any receiver. With the ability to receive multiple formats over multiple communication paths, the D6600 provides the flexibility to meet your alarm communication requirements.

### Packaged to Perform

Don't be confined to the restricted flexibility of "hard" line card assignments. The D6600 lets you program the line card number and the receiver number that gets reported to your Automation Software on a per line basis.

The D6600's hinged front panel provides quick and easy access for servicing the CPU card and "hot-swappable" line cards in the unlikely occurrence of a card failure.

### Maximum Performance, Minimum Size

The award-winning D6600 Communications Receiver/Gateway provides unmatched processing power in the smallest package available. One standard 19-inch rack cabinet supports 8 receivers and can handle high volumes of event traffic without consuming valuable floor space in your monitoring centre.

One 19-inch rack mount cabinet can also handle over 600,000 digital accounts plus up to 25,600 supervised Internet/Intranet accounts. In an amazingly efficient use of space, 256

telephone lines can be connected within one vertical cabinet. Maximise on power, convenience and capacity with a D6600 Communications Receiver/Gateway.

### Ultimate Utility

Programmable FLASH EPROM memory with Digital Signal Processing (DSP) technology eliminates the need for EPROM upgrades. When a new communications format or feature becomes available, the D6600's operating firmware can be completely updated by simply downloading a new software file.

### Get Connected with the D6600 NetCom System

The UL Listed D6600 NetCom System combines the features of the D6600 with the speed, power and reliability of alarm communications using the Internet or a private Intranet. The ideal communications method for companies or government agencies that currently utilise a private Intranet or Virtual Private Network (VPN), the D6600 NetCom System provides fast and reliable

alarm communications along with remote programming over the Internet or LAN/WAN. The use of standard TCP/IP protocol is now a reality for connecting sites across the street or around the world.

Virtually any panel can now send full data messages through both a LAN/WAN and a telephone line to one D6600 Receiver/Gateway as a result of our patented Dialer Capture Module technology.

The award-winning D6600 NetCom System is the first product that uses the Internet for alarm communications to receive Underwriters Laboratories Listings for use in both UL 864 Commercial Fire Alarm System and UL 1610 "Grade AA" Burglary and Line Supervision applications. This system is also the first to receive the California State Fire Marshal (CSFM) listing allowing it to be used for primary fire alarm signaling.

### D6600 Features

- Public Switched Telephone Network (PSTN) Communications
  - Receives up to 32 phone line signals simultaneously
  - Independently configurable communication format settings available for each phone line
  - Each line card comes standard with 4 phone-line inputs per card
  - Front panel LED indicators display on-line and line-fault status conditions
  - Separate telephone line Terminator Cards for isolation and transient suppression
- D6600 NetCom System LAN/WAN Gateway Communications with the D6680 Network Adapter
  - Bi-directional communications with alarm panels
  - Supervised network automation computer links
  - Supports up to 3,200 network accounts
- Central Processing Unit (CPU)
  - Reprogrammable FLASH memory for software upgrades and future product enhancements
  - Direct interface to automation computers
  - Event acknowledgement can be automatic or manual push-button
  - 20,000 event history buffer
- Inputs and Outputs
  - 3 Serial Ports - RS232 - DB9 connector
  - 1 Parallel Port - DB25 connector
  - 2 Programmable Inputs
  - 2 Programmable Outputs
  - I/O signal isolation and transient suppression
- D6200 Programming/Account Administration Software
  - Serial or LAN/WAN connection to the D6600
  - Fully configurable User Authority Level control
  - D6600 parameter editing and storage
  - D6600 software upgrade ability
  - NetCom database management
  - Event history buffer uploading

- "Hot-swappable" line cards are easily accessed through front panel
- Caller ID feature<sup>†</sup> increases signal-processing speed, allowing you to minimize or eliminate the antiquated "Handshake" table used in past generations of receivers
- DNIS feature allows incoming signals to be identified and categorised by the central station automation software
- Two-way Audio integration with your PBX and Automation Software

<sup>†</sup> Patented

### Listings and Approvals

- UL Central Station Fire
- UL Remote Station Fire
- UL Central Station Burglary
- UL Police Station Connect
- FCC Part 15 Radiated/Conducted Emissions
- FCC Part 68 Telecom
- ULC
- Industry Canada
- Austel Approved
- CE Approved
  - CTR-21
  - EN50130-4
  - EN60950 Safety
  - EN55022 Radiated/Conducted Emissions
- California State Fire Marshal (CSFM)

