

CSD 3700/3710 Facsimile Devices

Powerful Protection for Your Most Sensitive Facsimile Transmissions



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*Technical Communications Corporation
Facsimile Devices provide convenient and
powerful protection for facsimile
transmissions, one of the most useful – and
vulnerable – forms of business
communication.*

We offer two models in our 3700 series. Both are easy to operate and offer high-level protection.

Security that Doesn't Get in Your Way.

The CSD 3700 and 3710 make sending a secure fax as easy as sending an unprotected one. And once in place, they operate automatically.

They are also easy to install. You simply attach the device to your fax machine and phone jack.

The CSD 3700 and 3710 are compatible with Group 3 fax machines. And they operate in real time, so there's no delay in transmission.

Security Functions You Can Tailor to Your Needs.

Using a touch-screen display, you have the flexibility to configure your

CSD 3700/3710 to send and receive facsimiles in three ways:

- **Secure only.** You can set the device exclusively for secure operations, creating a protected, closed network.
- **Manual override.** When the unit is set for manual override, you can send a single transmission non-securely to a fax machine outside your network.
- **Automated secure/non-secure.** You can set the device to automatically interact securely with other fax machines equipped with CSD 3700/3710s while sending and receiving "in the clear" with fax machines that are not secure.

In each instance, the selections you make are protected by a Personal Identification Number that is

controlled by your system administrator.

In addition, the CSD 3700 and 3710 generate an "audit trail" of all transmissions that are sent and received and prints a "secure" or "clear" icon on incoming documents to indicate how they were transmitted.

Electronic Mailbox for Additional Flexibility.

The CSD 3710 has an electronic mailbox to safeguard messages intended for your eyes only. (These messages may be sent by either the 3700 or 3710.)

Rather than sitting in the tray of your facsimile machine, mailbox messages are held in the memory of the Facsimile Device until you are ready to retrieve them. A notice can be printed to alert you to incoming mail.

To use the secure mailbox function, you simply press the appropriate "mailbox" button on the touch-screen display of the sending CSD 3700/3710. You enter a mailbox address and dial the remote fax machine. To print secure fax mail, you enter your Personal Identification Number.

You can configure the device to store all incoming transmissions in a

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common mailbox or up to 50 individual secure mailboxes could be assigned. Mailbox memory uses dynamic allocation to ensure that lengthy documents are received intact.

Facsimiles stored in the mailbox are unaffected by power outages.

The Protection Your Critical Data Requires.

To make certain your most sensitive information is protected, TCC Facsimile Devices feature powerful encryption algorithms, an automatic key exchange and a tamper-resistant design.

- **Encryption algorithms.** CSD 3700/3710s contain DES and/or a powerful, TCC proprietary encryption algorithm approved for export. This ensures your CSD 3700/3710 will communicate seamlessly worldwide.
- **Automated key management.** TCC has adopted a unique, transparent approach to managing “keys” for the TCC Facsimile Devices. Keys are the tools used to protect facsimiles and to verify that they are sent precisely where you intend for them to go.

The SCS 3700/3710 provides authentication using two types of keys: unique secret key between two SCS 3700/3710s or network secret key that is common to a network of 3700/3710s. In addition, a new random key is generated and automatically added to the stored secret key to further protect each fax transmission.

The creation, verification and storage of secret key variables are entered by the administrator for network key or occur automatically with an initial call from one SCS 3700 or 3710 to another for generating a secret key for unique device identity.

- **Random session key.** For open networks where authentication is not required.
- **Tamper-resistant design.** As a further security measure, there are a number of safeguards in the design of the SCS Facsimile Device to protect the integrity of fixed key variables, Personal Identification Numbers and any documents stored on the SCS 3710.

Specifications

Physical

- 200 pixel x 320 pixel touch-screen display (3.9" x 6.3"; 9.9 cm x 16 cm)
- 9" wide x 2.8" high x 10.6" deep (22.9 cm x 7.1 cm x 26.9 cm)
- Weight:
 - Model 3700: 2.7 lbs. (1.2 kg)
 - Model 3710: 4.1 lbs. (1.8 kg)
- Produced to ISO 9000 standards

Power

- UL/TUV/CSA/CE (power supply)
- External international power supply, 90-253 VAC/50-60 Hz
- Transmit/receive speed 9600 bps with auto fallback of 7200 and 4800 bps

Environmental

- Storage temperature: -40° to 150° F (- 40° to 66° C) at 15% relative humidity
- Operating temperature: 40° to 100°F (4° to 38° C)
- Relative humidity: 5% to 95%, noncondensing

Compatibility/interoperability

- FCC/UL/CSA/CE approved
- CCITT G3 facsimile machines
- T.30, ECM (T.30 Annex A), T.4
- V.29 (for 9600 and 7200 bps) and V.27 (4800) for facsimile transmission
- V.21 (300 bps) for signaling
- RJ-11 modular connectors

Security features

- DES and/or TCC proprietary algorithm
- Tamper-resistant design
- Confidential non-volatile mailbox with PIN protection
- PIN-protected configuration files
- Secret pair or network key variables for authentication
- Random key generation for transmission
- Secure/clear icon

Mailbox features

- Send capability available on 3700 and 3710
- Receive capability available on 3710
- PIN protected
- Storage available in 3 sizes
 - 120 pages*
 - 360 pages*
 - 720 pages*
- *based on CCITT facsimile test chart #1; factory upgradeable
- Up to 50 secure mailboxes or one common mailbox
- Non-volatile storage memory

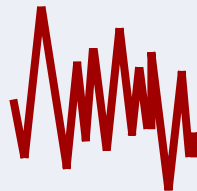
Warranty

- 12 month standard depot exchange
- Post-warranty extension with depot exchange available.

Note:

Specifications subject to change without notice.

US Government regulations apply for export and use.



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