

How to Read the Manuals

Symbols Used in the Manuals

The symbols used in this manual have the following meanings.



Indicates an explanation containing points to pay attention to when operating the software, restrictions, or other information. Be sure to read the explanation.



Indicates an explanation containing information that is useful to know, a supplementary operating procedure, or other information.

[]

Indicates a screen item or button name.

Disclaimer

To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this product, losses of documents or data, or the use or non-use of this product and operation manuals provided with it.

Make sure that you always copy or have backups of important documents or data. Documents or data might be erased due to your operational errors or malfunctions of the machine. Also, you are responsible for taking protective measures against computer viruses, worms, and other harmful software.

Notes

The content of this manual is subject to change without notice.

There may be some differences between the illustrations and explanations in this manual and your product due to, for example, improvements or changes to the product.

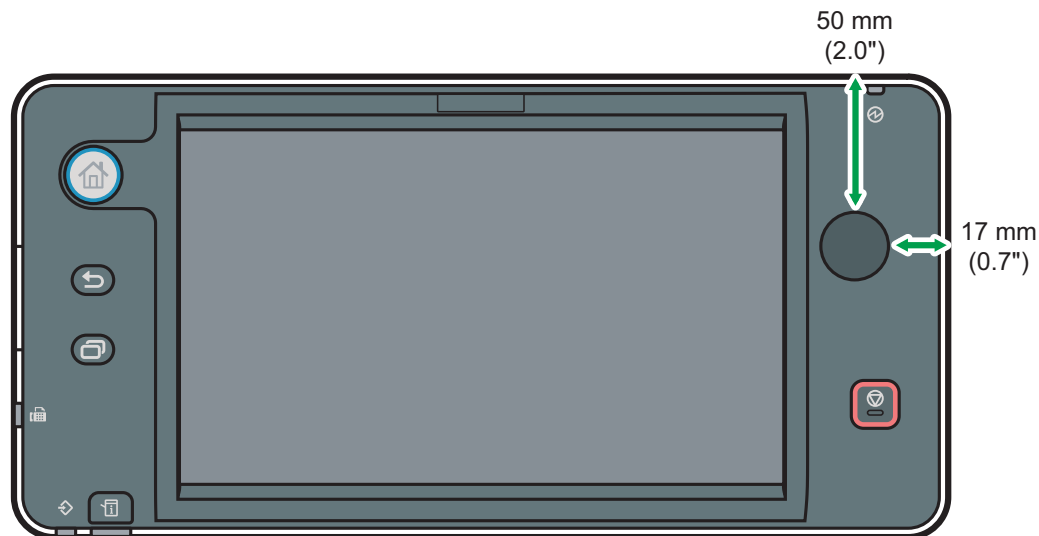
Note that some of the illustrations or descriptions in this manual may vary due to changes for improvement in this application, Android OS or Android device.

Configuring an NFC Tag

Affixing an NFC Tag

Affix an NFC tag to the following position:

- Smart Operation Panel



DGT004

To Administrators

RICOH Smart Device Connector allows users to access the machine remotely from an Android smart device. The Android application establishes a network connection with the machine using the network information registered to the NFC tag that is affixed to the machine. Users can access the machine remotely via the established connection.

Before the Android application is used, the administrator must affix the NFC tag to the machine and register the network settings to the NFC tag.

Confirming the Network Connection Methods

RICOH Smart Device Connector connects to a network either through an access point in the Intranet or by using the machine's Wi-Fi Direct function.

The Wi-Fi Direct function allows users who cannot access the Intranet to connect directly to the machine and use RICOH Smart Device Connector.

Configuring the Security Settings

Users are easily connected to the machine by using an NFC tag.

Configure the security settings of the machine according to the security policy of your environment.

- Configure the administrator access control, so that only the administrator can modify the default settings of the machine.

Preparing the Machine for use with RICOH Smart Device Connector

Before using a machine with RICOH Smart Device Connector, configure the machine accordingly.

Follow the steps below to configure the machine.

Creating and Installing a Device Certificate

1. Log in as the network administrator from the Smart Operation Panel.
2. Press the [Home] key, and flick the screen to the left, and then press [User Tools].
3. Press [System Settings].
4. Press [Administrator Tools].
5. Press [▼Next] three times.
6. Press [Program / Delete Device Certificate].
7. Check that [Program] is selected.
8. Press [Certificate 1].
9. Make the necessary settings.

To use the device certificate for S/MIME, PDF Digital Signature, or PDF/A Digital Signature, enter the machine's administrator's e-mail address in the e-mail address setting.
10. Press [OK].
11. Log out.

Setting the SSL/TLS Encryption Mode

1. Log in as the network administrator from the Smart Operation Panel.
2. Press the [Home] key, and flick the screen to the left, and then press [User Tools].
3. Press [System Settings].
4. Press [Interface Settings].
5. Press [▼Next].
6. Press [Permit SSL/TLS Communication].
7. If you are using HTTP connection, select [Ciphertext/Cleartext]. If you are using HTTPS connection, select [Ciphertext Priority].
8. Press [OK].
9. Log out.

Activating Wi-Fi Direct (only when Wi-Fi Direct is enabled)

1. Log in as the network administrator from the Smart Operation Panel.
2. Press the [Home] key, and flick the screen to the left, and then press [Screen Features].
3. Press [Wireless & networks].
4. Press [Wi-Fi Direct Settings].
5. Select [Wi-Fi Direct].
6. Return to the [Wireless & networks] screen.
7. Press [Port Forwarding to Machine].
8. Press [Port Forwarding Settings].
9. Select [Port Forwarding].
10. Log out.


Writing the Network Settings to the NFC Tag

★ Important

- Writing the network settings to an NFC tag must be performed by the administrator only.
- When writing the network settings to an NFC tag that is affixed to the Smart Operation Panel, touch the Android smart device to the NFC tag carefully, so that the screen of the Smart Operation Panel may not be damaged.

1. Log in as the network administrator from the Smart Operation Panel.
2. Start [RICOH Smart Device Connector].
3. Press [Settings].
4. If you are using HTTPS connection, select [Use HTTPS Connection].
5. To allow users to access the machine via the Wi-Fi Direct connection, select [Allow Usage by Guest].
6. Press [OK].


A QR code appears on the Smart Operation Panel. Perform Steps 7 and later on your Android smart device.

7. On the menu screen of RICOH Smart Device Connector, tap .
8. Tap [Write data to NFC tag].
9. Tap the [Write data to NFC tag] button.
10. Scan the QR code on the screen of the machine using the camera of your Android smart device.
11. Tap the [Write] button, and then touch the Android smart device to the NFC tag on the machine.

If the data is successfully written to the tag, the data write completion screen appears.

English

↓ Note

- To view or change the setting information to be written to an NFC tag, tap [] on the QR code scanning screen, and then tap [Manual Configuration]. Edit the setting information to be written to the NFC tag according to the machine settings. You can check the machine settings on the following screen:

Setting Item in RICOH Smart Device Connector	Setting Item on the Machine and its Location
Administrator Name	-
Administrator Password	-
IPv4 Address	<ul style="list-style-type: none">• Machine IPv4 Address [User Tools]>[System Settings]>[Interface Settings]>[Network] or [Wireless LAN]
SSL	<ul style="list-style-type: none">• Permit SSL/TLS Communication [User Tools]>[System Settings]>[Interface Settings]>[Network]
Allow Usage by Guests (Wi-Fi Direct)	<ul style="list-style-type: none">• Wi-Fi Direct [Screen Features]>[Wireless & networks]>[Wi-Fi Direct Settings]
SSID *	<ul style="list-style-type: none">• Network SSID [Screen Features]>[Wireless & networks]>[Wi-Fi Direct Settings]
Security *	<ul style="list-style-type: none">• Security Method [User Tools]>[System Settings]>[Interface Settings]>[Wireless LAN]
Password *	<ul style="list-style-type: none">• Connection Password (WPA/WPA2 PSK) [Screen Features]>[Wireless & networks]>[Wi-Fi Direct Settings]

English

Setting Item in RICOH Smart Device Connector	Setting Item on the Machine and its Location
IPv4 Address *	<ul style="list-style-type: none"> DHCP Server IP Address [Screen Features]>[Wireless & networks]>[Wi-Fi Direct Settings]
HTTP Port No. *	<ul style="list-style-type: none"> Port Forwarding Settings [Screen Features]>[Wireless & networks]>[Port Forwarding to Machine]>[Port Forwarding Settings] <p>Enter [80] for the Input Port Number so that the Input Port Number and the Output Port Number are the same.</p>
HTTPS Port No. *	<ul style="list-style-type: none"> Port Forwarding Settings [Screen Features]>[Wireless & networks]>[Port Forwarding to Machine]>[Port Forwarding Settings] <p>Enter [443] for the Input Port Number so that the Input Port Number and the Output Port Number are the same.</p>

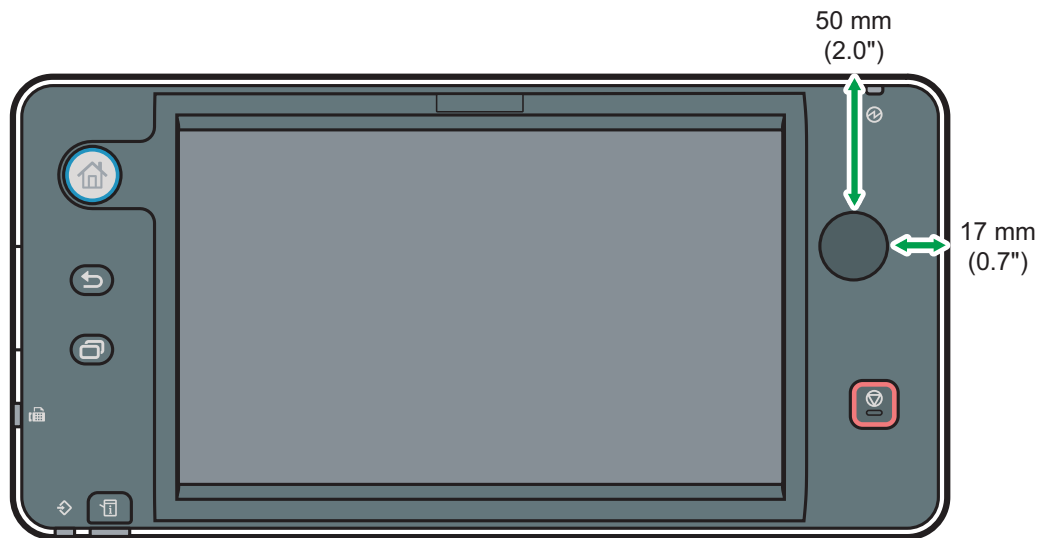
* These settings are available only when [Allow Usage by Guests (Wi-Fi Direct)] is activated.

Konfigurieren eines NFC-Tags

Anbringen eines NFC-Tags

Anbringen eines NFC-Tags in folgender Position:

- Smart Operation Panel



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Für Administratoren

RICOH Smart Device Connector ermöglicht Benutzern den Zugriff auf das Gerät aus der Ferne über ein Android-Gerät. Die Android-Anwendung stellt eine Netzwerkverbindung mit dem Gerät unter Verwendung der Netzwerkinformationen her, die in dem NFC-Tag gespeichert sind, der am Gerät angebracht ist. Die Benutzer können über die hergestellte Verbindung aus der Ferne auf das Gerät zugreifen.

Bevor die Android-Anwendung verwendet wird, muss der Administrator den NFC-Tag am Gerät anbringen und die Netzwerkeinstellungen in dem NFC-Tag registrieren.

Überprüfen der Netzwerkverbindungs-methoden

RICOH Smart Device Connector stellt die Netzwerkverbindung über einen Zugriffspunkt im Intranet oder mit der Wi-Fi-Direct-Funktion des Geräts her.

Die Wi-Fi Direct-Funktion ermöglicht Benutzern, die nicht auf das Intranet zugreifen können, die direkte Verbindung mit dem Gerät und die Verwendung von RICOH Smart Device Connector.

Konfigurieren der Sicherheitseinstellungen

Benutzer können sich über den NFC-Tag einfach mit dem Gerät verbinden.

Konfigurieren Sie die Sicherheitseinstellungen des Geräts entsprechend der Sicherheitsrichtlinie der Umgebung.

- Konfigurieren Sie die Administratorrechte so, dass nur der Administrator die Standardeinstellungen des Geräts ändern kann.

Vorbereiten des Geräts für die Verwendung mit RICOH Smart Device Connector

Bevor Sie ein Gerät mit RICOH Smart Device Connector verwenden können, müssen Sie das Gerät entsprechend konfigurieren.

Um das Gerät zu konfigurieren, führen Sie die folgenden Schritte aus.

Erstellen und Installieren eines Gerätezertifikats

1. Melden Sie sich über das Smart Operation Panel als Netzwerkadministrator an.
2. Drücken Sie die [Home]-Taste und streifen Sie den Bildschirm nach links. Drücken Sie anschließend [Anwenderprogramm].
3. Drücken Sie [Systemeinst.].
4. Drücken Sie [Administrator Tools].
5. Drücken Sie [▼Nächst.] drei Mal.
6. Drücken Sie [Gerätezertifikat programmieren/löschen].
7. Stellen Sie sicher, dass [Programmieren] ausgewählt ist.
8. Drücken Sie [Zertifikat 1].
9. Die erforderlichen Einstellungen vornehmen.

Um das Gerätezertifikat für S/MIME, Digitale Signatur PDF oder Digitale Signatur PDF/A zu verwenden, geben Sie in den E-Mail-Adresseneinstellungen die E-Mail-Adresse des Geräteadministrators ein.

10. Drücken Sie [OK].
11. Melden Sie sich ab.

Festlegen des SSL/TLS-Verschlüsselungsmodus

1. Melden Sie sich über das Smart Operation Panel als Netzwerk-administrator an.
2. Drücken Sie die [Home]-Taste und streifen Sie den Bildschirm nach links. Drücken Sie anschließend [Anwenderprogramm].
3. Drücken Sie [Systemeinst.].
4. Drücken Sie [Schnittst.-Einst.].
5. Drücken Sie [▼Nächst.].
6. Drücken Sie [SSL / TLS-Kommunikation erlauben].
7. Wenn Sie eine HTTP-Verbindung verwenden, wählen Sie [Chiffretext / Klartxt] aus. Wenn Sie eine HTTPS-Verbindung verwenden, wählen Sie [Priorität Chiffretext] aus.
8. Drücken Sie [OK].
9. Melden Sie sich ab.

Aktivieren von Wi-Fi Direct (nur wenn Wi-Fi Direct verfügbar ist)

1. Melden Sie sich über das Smart Operation Panel als Netzwerk-administrator an.
2. Drücken Sie die [Home]-Taste und streifen Sie den Bildschirm nach links. Drücken Sie anschließend [Bildschirmfunktionen].
3. Drücken Sie [Drahtlos und Netzwerke].
4. Drücken Sie [W-LAN-Direkt-Einstellungen].
5. Wählen Sie [W-LAN-Direkt] aus.
6. Kehren Sie zum Bildschirm [Drahtlos & Netzwerke] zurück.
7. Drücken Sie [Portweiterleitung an Gerät].
8. Drücken Sie [Einstellungen Portweiterleitung].
9. Wählen Sie [Portweiterleitung] aus.
10. Melden Sie sich ab.


Schreiben der Netzwerkeinstellungen in den NFC-Tag

★ Wichtig

- Die Netzwerkeinstellungen können nur vom Administrator auf einen NFC-Tag geschrieben werden.
- Wenn Sie die Netzwerkeinstellungen auf einen NFC-Tag schreiben, der am Smart Operation Panel angebracht ist, halten Sie das Android-Gerät vorsichtig an den NFC-Tag, um den Bildschirm des Smart Operation Panel nicht zu beschädigen.

1. Melden Sie sich über das Smart Operation Panel als Netzwerkadministrator an.
2. Starten Sie [RICOH Smart Device Connector].
3. Drücken Sie [Einstellungen].
4. Wenn Sie eine HTTPS-Verbindung verwenden, wählen Sie [HTTPS-Verbindung verwenden] aus.
5. Um Benutzern den Zugriff auf das Gerät über die Wi-Fi-Direct-Verbindung zu erlauben, wählen Sie [Verwendung durch Gast erlauben] aus.
6. Drücken Sie [OK].


Auf dem Smart Operation Panel wird ein QR-Code angezeigt. Führen Sie Schritt 7 und die nachfolgenden Schritte auf dem Android-Gerät aus.

7. Tippen Sie auf dem Menübildschirm von RICOH Smart Device Connector auf .
8. Tippen Sie auf [Daten in NFC-Tag schreiben].
9. Tippen Sie auf [Daten in NFC-Tag schreiben].
10. Scannen Sie den QR-Code auf dem Bildschirm des Geräts mit der Kamera des Android-Geräts.
11. Tippen Sie auf [Schreiben] und halten Sie das Android-Gerät über den NFC-Tag auf dem Gerät.

Nachdem die Daten in den Tag geschrieben wurden, wird der Bildschirm Schreibvorgang abgeschlossen angezeigt.

Deutsch

↓ Hinweis

- Um die Einstellungsinformationen, die in den NFC-Tag geschrieben werden, anzuzeigen oder zu ändern, tippen Sie auf [] auf dem Bildschirm zum Scannen des QR-Codes und anschließend auf [Manuelle Konfiguration]. Bearbeiten Sie die Einstellungsinformationen, die auf den NFC-Tag geschrieben werden sollen, entsprechend der Geräteeinstellungen. Sie können die Geräteeinstellungen auf dem folgenden Bildschirm überprüfen:

Festzulegendes Element in RICOH Smart Device Connector	Festzulegendes Element auf dem Gerät und seine Position
Administratorname	-
Administratorpasswort	-
IPv4-Adresse	<ul style="list-style-type: none"> • IPv4-Adresse des Geräts [Anwenderprogramm]>[Systemeinst.]>[Schnittst.-Einst.]>[Netzwerk] oder [Wireless LAN]
SSL	<ul style="list-style-type: none"> • SSL-/TLS-Kommunikation erlauben [Anwenderprogramm]>[Systemeinst.]>[Schnittst.-Einst.]>[Netzwerk]
Verwendung durch Gäste erlauben (Wi-Fi Direct)	<ul style="list-style-type: none"> • W-LAN-Direkt [Bildschirmfunktionen]>[Drahtlos und Netzwerke]>[W-LAN-Direkt-Einstellungen]
SSID *	<ul style="list-style-type: none"> • Netzwerk-SSID [Bildschirmfunktionen]>[Drahtlos und Netzwerke]>[W-LAN-Direkt-Einstellungen]
Sicherheit *	<ul style="list-style-type: none"> • Sicherheitsverfahren [Anwenderprogramm]>[Systemeinst.]>[Schnittst.-Einst.]>[Wireless LAN]
Passwort *	<ul style="list-style-type: none"> • Verbindungspasswort (WPA/WPA2 PSK) [Bildschirmfunktionen]>[Drahtlos und Netzwerke]>[W-LAN-Direkt-Einstellungen]

Deutsch

Festzulegendes Element in RICOH Smart Device Connector	Festzulegendes Element auf dem Gerät und seine Position
IPv4-Adresse *	<ul style="list-style-type: none"> IP-Adresse DHCP-Server [Bildschirmfunktionen]>[Drahtlos und Netzwerke]>[W-LAN-Direkt-Einstellungen]
HTTP-Port-Nr. *	<ul style="list-style-type: none"> Einstellungen Portweiterleitung [Bildschirmfunktionen]>[Drahtlos und Netzwerke]>[Portweiterleitung an Gerät]>[Einstellungen Portweiterleitung] <p>Geben Sie [80] als Eingangsportnummer ein, damit die Nummern des Eingangsports und des Ausgangsports übereinstimmen.</p>
HTTPS-Port-Nr. *	<ul style="list-style-type: none"> Einstellungen Portweiterleitung [Bildschirmfunktionen]>[Drahtlos und Netzwerke]>[Portweiterleitung an Gerät]>[Einstellungen Portweiterleitung] <p>Geben Sie [443] als Eingangsportnummer ein, damit die Nummern des Eingangsports und des Ausgangsports übereinstimmen.</p>

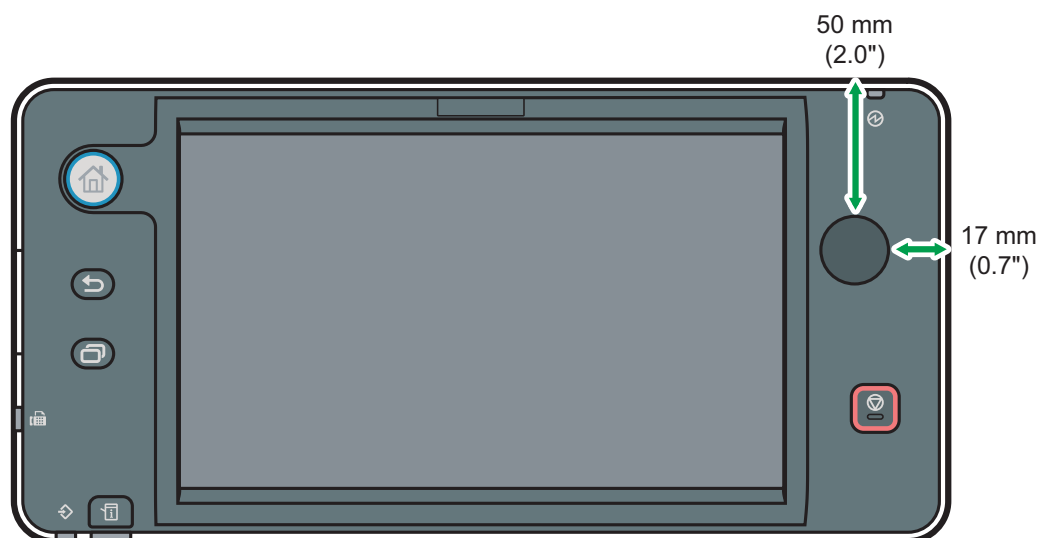
* Diese Einstellungen sind nur verfügbar, wenn [Verwendung durch Gäste erlauben (Wi-Fi Direct)] aktiviert ist.

Configuration d'un tag NFC

Fixer un tag NFC

Fixer un tag NFC dans la position suivante :

- Smart Operation Panel



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Aux administrateurs

RICOH Smart Device Connector permet aux utilisateurs d'accéder à l'appareil à distance depuis un système intelligent Android. L'application Android établit une connexion réseau avec l'appareil en utilisant les informations réseau inscrites sur le tag NFC fixé sur l'appareil. Les utilisateurs accèdent à l'appareil à distance via la connexion ainsi établie.

Avant que l'application Android ne soit utilisée, l'administrateur doit fixer le tag NFC sur l'appareil et y inscrire les paramètres réseau.

Confirmer les méthodes de connexion réseau

RICOH Smart Device Connector se connecte à un réseau soit par un point d'accès dans l'intranet, soit en utilisant la fonction Wi-Fi Direct de l'appareil.

La fonction Wi-Fi Direct permet aux utilisateurs ne pouvant pas accéder à l'intranet de se connecter directement à l'appareil et d'utiliser RICOH Smart Device Connector.

Configuration des paramètres de sécurité

Les utilisateurs sont facilement connectés à l'appareil en utilisant un tag NFC.

Configurez les paramètres de sécurité de l'appareil en fonction de la politique de sécurité de votre environnement.

- Configurez le contrôle d'accès administrateur afin que seul l'administrateur puisse modifier les paramètres par défaut de l'appareil.

Préparer l'appareil pour une utilisation avec RICOH Smart Device Connector

Avant d'utiliser un appareil avec RICOH Smart Device Connector, configurez l'appareil en conséquence.

Suivez les étapes ci-dessous pour configurer l'appareil.

Création et installation d'un certificat de périphérique

1. Connectez-vous en tant qu'administrateur réseau depuis le Smart Operation Panel.
2. Appuyez sur la touche [Accueil] et faites défiler l'écran vers la gauche puis appuyez sur [Outils utilisateur].
3. Appuyez sur [Paramètres système].
4. Appuyez sur [Outils administrateur].
5. Appuyez trois fois sur [▼Suiv.].
6. Appuyez sur [Programmer/Supprimer certificat de périphérique].
7. Veillez à ce que [Programmer] soit sélectionné.
8. Appuyez sur [Certificat 1].
9. Définissez les paramètres nécessaires.

Pour utiliser le certificat de périphérique pour S/MIME, Signature numérique PDF ou Signature numérique PDF/A, saisissez l'adresse e-mail de l'administrateur de l'appareil dans le paramètre d'adresse e-mail.
10. Appuyez sur [OK].
11. Déconnectez-vous.

Définir le mode de cryptage SSL/TLS

1. Connectez-vous en tant qu'administrateur réseau depuis le Smart Operation Panel.
2. Appuyez sur la touche [Accueil] et faites défiler l'écran vers la gauche puis appuyez sur [Outils utilisateur].
3. Appuyez sur [Paramètres système].
4. Appuyez sur [Paramètres interface].
5. Appuyez sur [▼Suiv.].
6. Appuyez sur [Permettre SSL/Communication TLS].
7. Si vous utilisez une connexion HTTP, sélectionnez [Cryptage/ Texte clair]. Si vous utilisez une connexion HTTPS, sélectionnez [Cryptog. uniquement].
8. Appuyez sur [OK].
9. Déconnectez-vous.


Activer le Wi-Fi Direct (uniquement si Wi-Fi Direct est activé)

1. Connectez-vous en tant qu'administrateur réseau depuis le Smart Operation Panel.
2. Appuyez sur la touche [Accueil] et faites défiler l'écran vers la gauche puis appuyez sur [Fonctions Écran].
3. Appuyez sur [Sans fil et réseaux].
4. Appuyez sur [Paramètres Wi-Fi Direct].
5. Sélectionnez [Wi-Fi Direct].
6. Retournez à l'écran [Sans fil et réseaux].
7. Appuyez sur [Redirection de port vers l'appareil].
8. Appuyez sur [Paramètres de redirection de port].
9. Sélectionnez [Redirection de port].
10. Déconnectez-vous.

Inscrire les paramètres réseau sur le tag NFC

★ Important

- L'écriture des paramètres réseau sur un tag NFC doit être effectuée par l'administrateur uniquement.
- Lors de l'écriture des paramètres réseau sur un tag NFC fixé au Smart Operation Panel, mettez en contact le système intelligent Android sur le tag NFC avec précaution, afin que l'écran du Smart Operation Panel ne puisse pas être endommagé.

1. Connectez-vous en tant qu'administrateur réseau depuis le Smart Operation Panel.
2. Démarrez [RICOH Smart Device Connector].
3. Appuyez sur [Paramètres].
4. Si vous utilisez une connexion HTTPS, sélectionnez [Utiliser la connexion HTTPS].
5. Pour permettre aux utilisateurs d'accéder à l'appareil par la connexion Wi-Fi Direct, sélectionnez [Autoriser l'utilisation par les invités].
6. Appuyez sur [OK].
Un code QR apparaît sur le Smart Operation Panel. Effectuez les étapes 7 et suivantes sur votre système intelligent Android.
7. Sur l'écran du menu de RICOH Smart Device Connector, appuyez sur .
8. Appuyez sur [Écrire données sur tag NFC].
9. Appuyez sur le bouton [Écrire données sur tag NFC].
10. Numérisez le code QR sur l'écran de l'appareil à l'aide de la caméra de votre système intelligent Android.
11. Appuyez sur le bouton [Écrire], puis mettez en contact le système intelligent Android sur le tag NFC sur l'appareil.
Si les données sont bien inscrites sur le tag, l'écran de confirmation apparaîtra.

Français

Remarque

- Pour afficher ou modifier les informations du paramètre à écrire sur un tag NFC, appuyez sur [⋮] sur l'écran de numérisation du code QR puis appuyez sur [Configuration manuelle]. Éditez les informations du paramètre à écrire sur le tag NFC conformément aux paramètres de l'appareil. Vous pouvez vérifier les paramètres de l'appareil sur l'écran suivant :

Élément de paramétrage dans RICOH Smart Device Connector	Élément de paramétrage sur l'appareil et sa localisation
Nom administrateur	-
Mot de passe administrateur	-
Adresse IPv4	<ul style="list-style-type: none">• Adresse IPv4 machine [Outils Utilisateur]>[Paramètres système]>[Paramètres interface]>[Réseau] ou [LAN sans fil]
SSL	<ul style="list-style-type: none">• Permettre SSL/Communication TLS [Outils Utilisateur]>[Paramètres système]>[Paramètres interface]>[Réseau]
Autoriser l'utilisation par les invités (Wi-Fi Direct)	<ul style="list-style-type: none">• Wi-Fi Direct [Fonctions Écran]>[Sans fil et réseaux]>[Paramètres Wi-Fi Direct]
SSID *	<ul style="list-style-type: none">• SSID réseau [Fonctions Écran]>[Sans fil et réseaux]>[Paramètres Wi-Fi Direct]
Sécurité *	<ul style="list-style-type: none">• Méthode de sécurité [Outils utilisateur]>[Paramètres système]>[Paramètres interface]>[LAN sans fil]
Mot de passe *	<ul style="list-style-type: none">• Mot de passe de connexion (WPA/WPA2 PSK) [Fonctions Écran]>[Sans fil et réseaux]>[Paramètres Wi-Fi Direct]

Français

Élément de paramétrage dans RICOH Smart Device Connector	Élément de paramétrage sur l'appareil et sa localisation
Adresse IPv4 *	<ul style="list-style-type: none">• Adresse IP du serveur DHCP [Fonctions Écran]>[Sans fil et réseaux]>[Paramètres Wi-Fi Direct]
N° port HTTP *	<ul style="list-style-type: none">• Paramètres de redirection de port [Fonctions Écran]>[Sans fil et réseaux]>[Redirection de port vers l'appareil]>[Paramètres de redirection de port] <p>Saisissez [80] pour le Numéro de port d'entrée afin que le Numéro de port d'entrée et le Numéro de port de sortie soient les mêmes.</p>
N° port HTTPS *	<ul style="list-style-type: none">• Paramètres de redirection de port [Fonctions Écran]>[Sans fil et réseaux]>[Redirection de port vers l'appareil]>[Paramètres de redirection de port] <p>Saisissez [443] pour le Numéro de port d'entrée afin que le Numéro de port d'entrée et le Numéro de port de sortie soient les mêmes.</p>

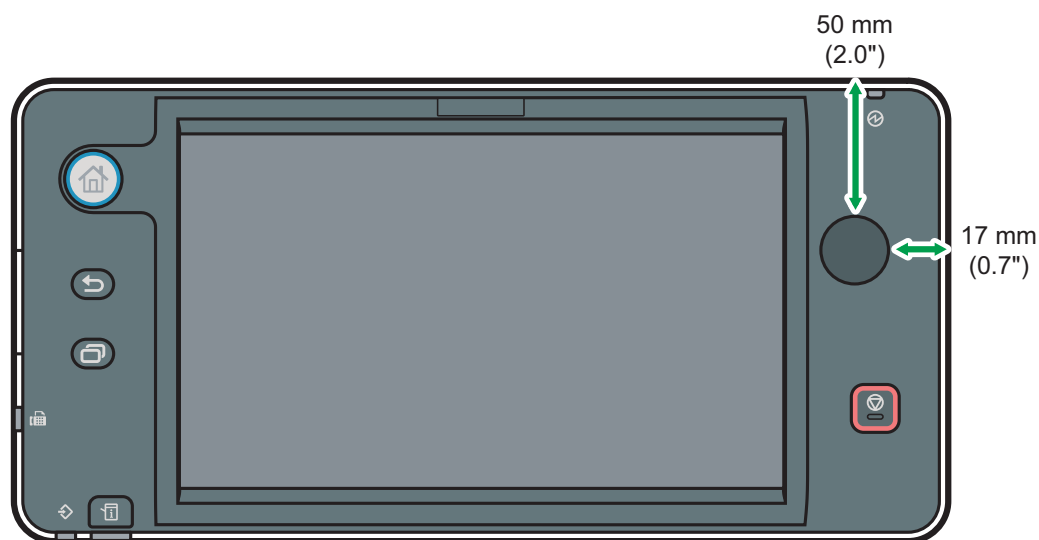
* Ces paramètres sont uniquement disponibles si [Autoriser l'utilisation par les invités (Wi-Fi Direct)] est activé.

Configurazione del tag NFC

Applicazione di un tag NFC

Applicare un tag NFC nella seguente posizione:

- Smart Operation Panel



DGT004

Per gli amministratori

RICOH Smart Device Connector consente agli utenti di accedere alla macchina remotamente da un dispositivo Android. L'applicazione Android stabilisce una connessione di rete con la macchina utilizzando le informazioni di rete registrate nel tag NFC applicato sulla macchina. Gli utenti possono accedere alla macchina remotamente mediante la connessione stabilita.

Prima di utilizzare l'applicazione Android, l'amministratore deve applicare il tag NFC sulla macchina e registrare le impostazioni di rete nel tag NFC.

Conferma dei metodi di connessione di rete

RICOH Smart Device Connector si connette a una rete attraverso un punto di accesso nella rete Intranet oppure utilizzando la funzione Wi-Fi Direct della macchina.

La funzione Wi-Fi Direct consente agli utenti che non possono accedere alla rete Intranet di connettersi direttamente alla macchina e di utilizzare RICOH Smart Device Connector.

Configurazione delle impostazioni di sicurezza

Gli utenti possono connettersi facilmente alla macchina tramite un tag NFC.

Configurare le impostazioni di sicurezza della macchina in base alla politica di sicurezza del proprio ambiente.

- Configurare il controllo di accesso dell'amministratore in modo che soltanto l'amministratore possa modificare le impostazioni predefinite della macchina.

Preparazione della macchina all'uso con RICOH Smart Device Connector

Prima di utilizzare una macchina con RICOH Smart Device Connector, configurare la macchina adeguatamente.

Per configurare la macchina, attenersi ai passaggi riportati di seguito.

Creazione e installazione di un certificato dispositivo

1. Effettuare il login come amministratore di rete da Smart Operation Panel.
2. Premere il tasto [Home] e scorrere lo schermo verso sinistra, quindi premere [Strumenti utente].
3. Premere [Impostazioni di Sistema].
4. Premere [Strumenti ammin.].
5. Premere [▼Successivo] tre volte.
6. Premere [Programma/Elimina certificato dispositivo].
7. Verificare che sia selezionato [Programma].
8. Premere [Certificato 1].
9. Effettuare le necessarie impostazioni.

Per usare il certificato di dispositivo per S/MIME, Firma digitale PDF oppure Firma digitale PDF/A, inserire l'indirizzo e-mail dell'amministratore della macchina nelle relative impostazioni.

10. Premere [OK].
11. Effettuare il logout.

Impostazione del modo crittografia SSL/TLS

1. Effettuare il login come amministratore di rete da Smart Operation Panel.
2. Premere il tasto [Home] e scorrere lo schermo verso sinistra, quindi premere [Strumenti utente].
3. Premere [Impostazioni di Sistema].
4. Premere [Impostazioni interfaccia].
5. Premere [▼Successivo].
6. Premere [Consenti comunicazione SSL/TLS].
7. Se viene utilizzata la connessione HTTP, selezionare [Testo cifrato/normale]. Se viene utilizzata la connessione HTTPS, selezionare [Priorità testo cifrato].
8. Premere [OK].
9. Effettuare il logout.

Attivazione di Wi-Fi Direct (solo se Wi-Fi Direct è abilitato)


1. Effettuare il login come amministratore di rete da Smart Operation Panel.
2. Premere il tasto [Home] e scorrere lo schermo verso sinistra, quindi premere [Impostazioni schermata].
3. Premere [Wireless e reti].
4. Premere [Impostazioni Wi-Fi Direct].
5. Selezionare [Wi-Fi Direct].
6. Tornare alla schermata [Wireless e reti].
7. Premere [Inoltro a porta macchina].
8. Premere [Impostazioni inoltro a porta].
9. Selezionare [Inoltro a porta].
10. Effettuare il logout.

Scrittura delle impostazioni di rete sul tag NFC

★ Importante


- La scrittura delle impostazioni di rete su un tag NFC deve essere effettuata solo dall'amministratore.
- Quando vengono scritte le impostazioni di rete su un tag NFC applicato sullo Smart Operation Panel, passare delicatamente il dispositivo Android sul tag NFC applicato in modo da non danneggiare lo schermo dello Smart Operation Panel.

1. Effettuare il login come amministratore di rete da Smart Operation Panel.
2. Avviare [RICOH Smart Device Connector].
3. Premere [Impostazioni].
4. Se viene utilizzata l'impostazione HTTPS, selezionare [Usa connessione HTTPS].
5. Per consentire agli utenti di accedere alla macchina tramite la connessione Wi-Fi Direct, selezionare [Consenti utilizzo a ospiti].
6. Premere [OK].

Sullo Smart Operation Panel appare un codice QR. Eseguire il passaggio 7 e successivi sul dispositivo Android.
7. Nella schermata del menu di RICOH Smart Device Connector, selezionare .
8. Selezionare [Scrivi dati su tag NFC].
9. Selezionare il pulsante [Scrivi dati su tag NFC].
10. Acquisire il codice QR sullo schermo della macchina utilizzando la fotocamera del dispositivo Android.
11. Selezionare il pulsante [Scrivi], quindi passare il dispositivo Android sul tag NFC applicato sulla macchina.

Se i dati vengono scritti correttamente sul tag, compare la schermata di completamento di scrittura dati.

Nota

- Per visualizzare o modificare le informazioni di impostazione da scrivere sul tag NFC, selezionare [] sulla schermata di acquisizione del codice QR, quindi selezionare [Configurazione manuale]. Modificare le informazioni di impostazione da scrivere sul tag NFC in base alle impostazioni della macchina. Le impostazioni della macchina possono essere verificate nelle seguenti schermate:

Voce di impostazione in RICOH Smart Device Connector	Voce di impostazione sulla macchina e sua posizione
Nome amministratore	-
Password amministratore	-
Indirizzo IPv4	<ul style="list-style-type: none"> • Indirizzo IPv4 macchina [Strumenti utente]>[Impostazioni di Sistema]>[Impostazioni interfaccia]>[Rete] o [Wireless LAN]
SSL	<ul style="list-style-type: none"> • Consenti comunicazione SSL/TLS [Strumenti utente]>[Impostazioni di Sistema]>[Impostazioni interfaccia]>[Rete]
Consenti utilizzo a ospiti (Wi-Fi Direct)	<ul style="list-style-type: none"> • Wi-Fi Direct [Impostazioni schermata]>[Wireless e reti]>[Impostazioni Wi-Fi Direct]
SSID *	<ul style="list-style-type: none"> • SSID di rete [Impostazioni schermata]>[Wireless e reti]>[Impostazioni Wi-Fi Direct]
Sicurezza *	<ul style="list-style-type: none"> • Metodo sicurezza [Strumenti utente]>[Impostazioni di Sistema]>[Impostazioni interfaccia]>[Wireless LAN]
Password *	<ul style="list-style-type: none"> • Password connessione (WPA/WPA2 PSK) [Impostazioni schermata]>[Wireless e reti]>[Impostazioni Wi-Fi Direct]

Voce di impostazione in RICOH Smart Device Connector	Voce di impostazione sulla macchina e sua posizione
Indirizzo IPv4 *	<ul style="list-style-type: none"> • Indirizzo IP server DHCP [Impostazioni schermata]>[Wireless e reti]>[Impostazioni Wi-Fi Direct]
Nr.porta HTTP *	<ul style="list-style-type: none"> • Impostazioni inoltra a porta [Impostazioni schermata]>[Wireless e reti]>[Inoltra a porta macchina]>[Impostazioni inoltra a porta] Digitare [80] come numero porta di input in modo che il numero porta di input e il numero porta di output corrispondano.
Nr.porta HTTPS *	<ul style="list-style-type: none"> • Impostazioni inoltra a porta [Impostazioni schermata]>[Wireless e reti]>[Inoltra a porta macchina]>[Impostazioni inoltra a porta] Digitare [443] come numero porta di input in modo che il numero porta di input e il numero porta di output corrispondano.

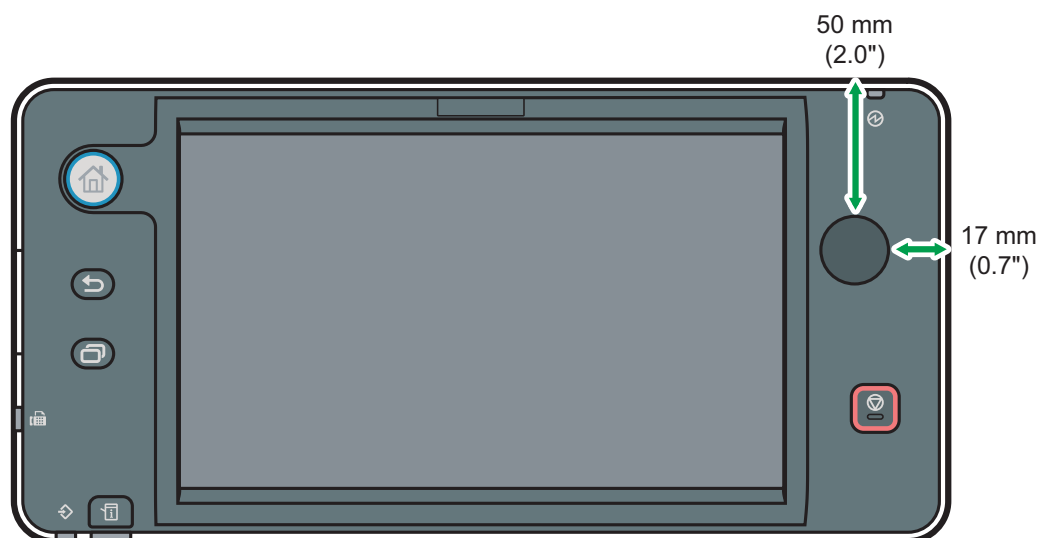
* Queste impostazioni sono disponibili solo quando [Consenti utilizzo a ospiti (Wi-Fi Direct)] è attivato.

Configuración de una etiqueta NFC

Cómo añadir una etiqueta NFC

Coloque una etiqueta NFC en la siguiente posición:

- Smart Operation Panel



DGT004

Para los administradores

RICOH Smart Device Connector permite a los usuarios acceder a la máquina a distancia desde un dispositivo Android. La aplicación Android establece una conexión de red con la máquina mediante la información de red registrada en la etiqueta NFC que se añade a la máquina. Los usuarios pueden acceder a la máquina a distancia mediante la conexión establecida. Antes de utilizar la aplicación Android, el administrador debe añadir la etiqueta NFC a la máquina y registrar la configuración de red en la etiqueta NFC.

Confirmación de los métodos de conexión de la red

RICOH Smart Device Connector se conecta a una red a través de un punto de acceso en la Intranet o mediante la función Wi-Fi Direct de la máquina.

La función Wi-Fi Direct permite a los usuarios sin acceso a la Intranet conectarse directamente a la máquina y usar RICOH Smart Device Connector.

Configuración de los ajustes de seguridad

Los usuarios se conectan fácilmente a la máquina mediante una etiqueta NFC.

Configure los ajustes de seguridad de la máquina en función de la política de seguridad de su entorno.

- Configure el control de acceso del administrador, de forma que solo el administrador pueda modificar los ajustes predeterminados de la máquina.

Preparación de la máquina para usarla con RICOH Smart Device Connector

Antes de usar una máquina con RICOH Smart Device Connector, configure la máquina en consonancia.

Siga los pasos que se indican a continuación para configurar la máquina.

Creación e instalación de un certificado de dispositivo

1. Inicie sesión como administrador de red desde el Smart Operation Panel.
2. Pulse la tecla [Inicio], deslice la pantalla a la izquierda y pulse [Herramientas usuario].
3. Pulse [Ajustes del sistema].
4. Pulse [Herramientas admin.].
5. Pulse [▼Siguiente] tres veces.
6. Pulse [Programar/ Eliminar certificado dispositivo].
7. Compruebe que se ha seleccionado [Programar].
8. Pulse [Certificado 1].
9. Realice los ajustes necesarios.

Para usar el certificado de dispositivo para S/MIME, Firma digital de PDF o Firma digital de PDF/A, introduzca la dirección de e-mail del administrador de la máquina en la opción de dirección de e-mail.
10. Pulse [OK].
11. Finalice la sesión.

Configuración del modo de cifrado SSL/TLS

1. Inicie sesión como administrador de red desde el Smart Operation Panel.
2. Pulse la tecla [Inicio], deslice la pantalla a la izquierda y pulse [Herramientas usuario].
3. Pulse [Ajustes del sistema].
4. Pulse [Ajustes de interface].
5. Pulse [▼Siguiente].
6. Pulse [Permitir comunicación SSL/TLS].
7. Si usa una conexión HTTP, seleccione [Texto cifrado/Sin cifrar].
Si usa una conexión HTTPS, seleccione [Prior. texto cifrado].
8. Pulse [OK].
9. Finalice la sesión.

Activación de Wi-Fi Direct (solo si se ha habilitado)


1. Inicie sesión como administrador de red desde el Smart Operation Panel.
2. Pulse la tecla [Inicio], deslice la pantalla a la izquierda y pulse [Caract. pantalla].
3. Pulse [Wireless & networks] (Redes e inalámbrica).
4. Pulse [Ajustes Wi-Fi Direct].
5. Seleccione [Wi-Fi Direct].
6. Vuelva a la pantalla [Wireless & networks] (Redes e inalámbrica).
7. Pulse [Redirección de puerto a la máquina].
8. Pulse [Ajustes de redirección de puertos].
9. Seleccione [Redirección de puertos].
10. Finalice la sesión.

Cómo guardar la configuración de red en la etiqueta NFC

★ Importante

- La grabación de los ajustes de red en una etiqueta NFC debe estar a cargo únicamente del administrador.
- Al guardar los ajustes de red en una etiqueta NFC que se haya fijado al Smart Operation Panel, tenga cuidado al colocar el dispositivo Android sobre la etiqueta NFC, de modo que no se dañe la pantalla del Smart Operation Panel.

1. Inicie sesión como administrador de red desde el Smart Operation Panel.
2. Inicie [RICOH Smart Device Connector].
3. Pulse [Ajustes].
4. Si usa una conexión HTTPS, seleccione [Usar conexión HTTPS].
5. Para que los usuarios accedan a la máquina mediante la conexión Wi-Fi Direct, seleccione [Permitir uso por invitados].
6. Pulse [OK].

Aparece un código QR en el Smart Operation Panel. Lleve a cabo los pasos 7 y posteriores en su dispositivo Android.
7. En la pantalla del menú de RICOH Smart Device Connector, toque .
8. Toque [Guardar datos en la etiqueta NFC].
9. Toque el botón [Guardar datos en la etiqueta NFC].
10. Escanee el código QR de la pantalla de la máquina mediante la cámara de su dispositivo Android.
11. Toque el botón [Guardar] y ponga el dispositivo Android sobre la etiqueta NFC de la máquina.

Si los datos se guardan correctamente en la etiqueta, se muestra la pantalla que indica la finalización de la escritura de los datos.

Español

Nota

- Para ver o cambiar la información del ajuste para guardar en una etiqueta NFC, toque [⋮] en la pantalla de escaneo del código QR y toque [Configuración manual]. Modifique la información de configuración para guardar en la etiqueta NFC en función de los ajustes de la máquina. Puede comprobar los ajustes de la máquina en la siguiente pantalla:

Elemento de configuración en RICOH Smart Device Connector	Elemento de configuración en la máquina y su ubicación.
Nombre del administrador	-
Contraseña del administrador	-
Dirección IPv4	<ul style="list-style-type: none">• Dirección IPv4 de la máquina [Herramientas usuario]>[Ajustes sistema]>[Ajustes de interface]>[Red] o [LAN inalámbrica]
SSL	<ul style="list-style-type: none">• Permitir comunicación SSL/TLS [Herramientas usuario]>[Ajustes sistema]>[Ajustes de interface]>[Red]
Permitir uso por invitados (Wi-Fi Direct)	<ul style="list-style-type: none">• Wi-Fi Direct [Caract. pantalla]>[Wireless & networks] (Inalámbrica y redes)>[Ajustes Wi-Fi Direct]
SSID *	<ul style="list-style-type: none">• SSID de red [Caract. pantalla]>[Wireless & networks] (Inalámbrica y redes)>[Ajustes Wi-Fi Direct]
Seguridad *	<ul style="list-style-type: none">• Mét. seguridad [Herramientas usuario]>[Ajustes sistema]>[Ajustes de interface]>[LAN inalámbrica]

Español

Elemento de configuración en RICOH Smart Device Connector	Elemento de configuración en la máquina y su ubicación.
Contraseña *	<ul style="list-style-type: none"> • Contraseña de conexión (WPA/WPA2 PSK) [Caract. pantalla]>[Wireless & networks] (Inalámbrica y redes)>[Ajustes Wi-Fi Direct]
Dirección IPv4 *	<ul style="list-style-type: none"> • Dirección del servidor DHCP IP [Caract. pantalla]>[Wireless & networks] (Inalámbrica y redes)>[Ajustes Wi-Fi Direct]
N.º puerto HTTP *	<ul style="list-style-type: none"> • Ajustes de redirección de puertos [Caract. pantalla]>[Wireless & networks] (Inalámbrica y redes)>[Redirección de puerto a la máquina]>[Ajustes de redirección de puertos] Introduzca [80] para el número de puerto de entrada de manera que el número de puerto de entrada y el número de puerto de salida sean iguales.
N.º puerto HTTPS *	<ul style="list-style-type: none"> • Ajustes de redirección de puertos [Caract. pantalla]>[Wireless & networks] (Inalámbrica y redes)>[Redirección de puerto a la máquina]>[Ajustes de redirección de puertos] Introduzca [443] para el número de puerto de entrada, de modo que el número del puerto de entrada y el número del puerto de salida sean iguales.

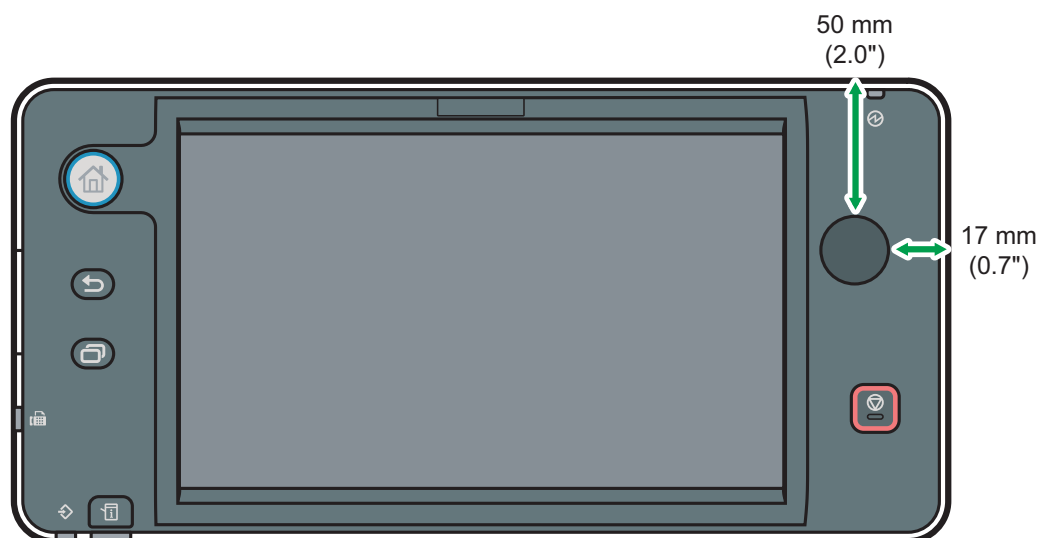
* Estos ajustes solo están disponibles cuando [Permitir uso por invitados (Wi-Fi Direct)] se ha activado.

Configurar uma Tag NFC

Colar uma Tag NFC

Cole uma tag NFC na seguinte posição:

- Smart Operation Panel



DGT004

Para Administradores

O RICOH Smart Device Connector permite aos utilizadores aceder ao equipamento remotamente a partir de um dispositivo Android. A app Android estabelece ligação ao equipamento usando as informações de rede registadas na tag NFC colada no equipamento. Os utilizadores podem aceder ao equipamento remotamente através da ligação estabelecida.

Antes de usar a app Android, o administrador tem de colar a tag NFC no equipamento e registar as definições de rede na mesma.

Confirmar os Métodos de Ligação em Rede

O RICOH Smart Device Connector liga a uma rede através de um ponto de acesso na Intranet ou da função Wi-Fi Direct do equipamento.

A função Wi-Fi Direct permite aos utilizadores que não têm acesso à Intranet ligar diretamente ao equipamento e usar o RICOH Smart Device Connector.

Configurar as Definições de Segurança

Os utilizadores podem facilmente estabelecer ligação ao equipamento usando uma tag NFC.

Configure as definições de segurança do equipamento de acordo com a política de segurança do seu ambiente.

- Configure o controlo de acesso do administrador de forma que só o administrador pode modificar as predefinições do equipamento.

Preparar o Equipamento Para Usar Com o RICOH Smart Device Connector

Antes de usar um equipamento com o RICOH Smart Device Connector, configure o equipamento conforme adequado.

Siga os passos abaixo para configurar o equipamento.

Criar e Instalar um Certificado de Dispositivo

1. Inicie sessão como administrador de rede no Smart Operation Panel.
2. Prima a tecla [Página principal], deslize o ecrã para a esquerda e prima [Ferramentas Utilizador].
3. Prima [Definições do sistema].
4. Prima [Ferramentas Administrador].
5. Prima [▼Seguinte] três vezes.
6. Prima [Programar/Apagar certificado do dispositivo].
7. Verifique se [Programa] está selecionado.
8. Prima [Certificado 1].
9. Efetue as definições necessárias.

Para utilizar o certificado do dispositivo para S/MIME, PDF com assinatura digital ou PDF/A com assinatura digital, introduza o endereço de e-mail do administrador do equipamento na definição do endereço de e-mail.

10. Prima [OK].
11. Encerre sessão.

Definir o Modo de Encriptação SSL/TLS

1. Inicie sessão como administrador de rede no Smart Operation Panel.
2. Prima a tecla [Página principal], deslize o ecrã para a esquerda e prima [Ferramentas Utilizador].
3. Prima [Definições do sistema].
4. Prima [Defin. interface].
5. Prima [▼Seguinte].
6. Prima [Permitir comunicação SSL/ TLS].
7. Se utilizar uma ligação HTTP, selecione [Texto cifrado/simples]. Se utilizar uma ligação HTTPS, selecione [Prioridade texto cifrado].
8. Prima [OK].
9. Encerre sessão.

Ativar Wi-Fi Direct (Apenas Quando a Função Wi-Fi Direct Está Disponível)


1. Inicie sessão como administrador de rede no Smart Operation Panel.
2. Prima a tecla [Página principal], deslize o ecrã para a esquerda e prima [Funções de ecrã].
3. Prima [Wireless & networks].
4. Prima [Definições de Wi-Fi Direct].
5. Selecione [Wi-Fi Direct].
6. Volte para o ecrã [Wireless & networks].
7. Prima [Redirecionamento de porta para equipamento].
8. Prima [Definições de redirecionamento de porta].
9. Selecione [Redirecionamento de porta].
10. Encerre sessão.

Escrever as Definições de Rede na Tag NFC

★ Importante

- Apenas o administrador pode escrever as definições de rede numa tag NFC.
- Ao escrever as definições de rede numa NFC colada no Smart Operation Panel, encoste o dispositivo Android à tag NFC com cuidado, para não danificar o ecrã do Smart Operation Panel.


1. Inicie sessão como administrador de rede no Smart Operation Panel.
2. Inicie o [RICOH Smart Device Connector].
3. Prima [Definições].
4. Se for usada uma ligação HTTPS, selecione [Utilizar ligação HTTPS].
5. Para permitir que utilizadores acedam ao equipamento através da ligação Wi-Fi Direct, selecione [Permitir uso por parte de visitantes].
6. Prima [OK].

Aparece um QR code no Smart Operation Panel. Execute os passos 7 e seguintes no seu dispositivo Android.
7. No ecrã de menu do RICOH Smart Device Connector, prima .
8. Prima [Escrever dados na tag NFC].
9. Prima o botão [Escrever dados na tag NFC].
10. Leia o QR code no ecrã do equipamento usando a câmara do seu dispositivo Android.
11. Prima o botão [Escrever] e, em seguida, encoste o dispositivo Android à tag NFC no equipamento.

Se os dados forem escritos na tag com êxito, aparece o ecrã de fim de escrita de dados.

Português

Nota

- Para visualizar ou alterar as informações de definição escritas numa tag NFC, prima [] no ecrã de leitura de QR code e, em seguida, prima [Configuração manual]. Edite as informações de definição a escrever na tag NFC de acordo com as definições do equipamento. Pode verificar as definições do equipamento no seguinte ecrã:

Item de definição no RICOH Smart Device Connector	Item de definição no equipamento e respetiva localização
Nome do administrador	-
Palavra-passe do administrador	-
Endereço IPv4	<ul style="list-style-type: none">• Endereço IPv4 do equipamento [Ferramentas Utilizador]>[Definições do sistema]>[Defin. interface]>[Rede] ou [Wireless LAN]
SSL	<ul style="list-style-type: none">• Permitir comunicação SSL/TLS [Ferramentas Utilizador]>[Definições do sistema]>[Defin. interface]>[Rede]
Permitir uso por parte de visitantes (Wi-Fi Direct)	<ul style="list-style-type: none">• Wi-Fi Direct [Funções de ecrã]>[Wireless & networks]>[Definições de Wi-Fi Direct]
SSID *	<ul style="list-style-type: none">• SSID da rede [Funções de ecrã]>[Wireless & networks]>[Definições de Wi-Fi Direct]
Segurança *	<ul style="list-style-type: none">• Método de Segurança [Ferramentas Utilizador]>[Definições do sistema]>[Defin. interface]>[Wireless LAN]
Palavra-passe *	<ul style="list-style-type: none">• Palavra-passe para ligação (WPA/WPA2 PSK) [Funções de ecrã]>[Wireless & networks]>[Definições de Wi-Fi Direct]

Português

Item de definição no RICOH Smart Device Connector	Item de definição no equipamento e respetiva localização
Endereço IPv4 *	<ul style="list-style-type: none">Endereço IP do servidor DHCP [Funções de ecrã]>[Wireless & networks]>[Definições de Wi-Fi Direct]
N.º de porta HTTP *	<ul style="list-style-type: none">Definições de redirecionamento de porta [Funções de ecrã]>[Wireless & networks]>[Redirecionamento de porta para equipamento]>[Definições de redirecionamento de porta] <p>Introduza [80] para Número de porta de entrada de modo que Número de porta de entrada e Número de porta de saída sejam iguais.</p>
N.º de porta HTTPS *	<ul style="list-style-type: none">Definições de redirecionamento de porta [Funções de ecrã]>[Wireless & networks]>[Redirecionamento de porta para equipamento]>[Definições de redirecionamento de porta] <p>Introduza [443] para Número de porta de entrada de modo que Número de porta de entrada e Número de porta de saída sejam iguais.</p>

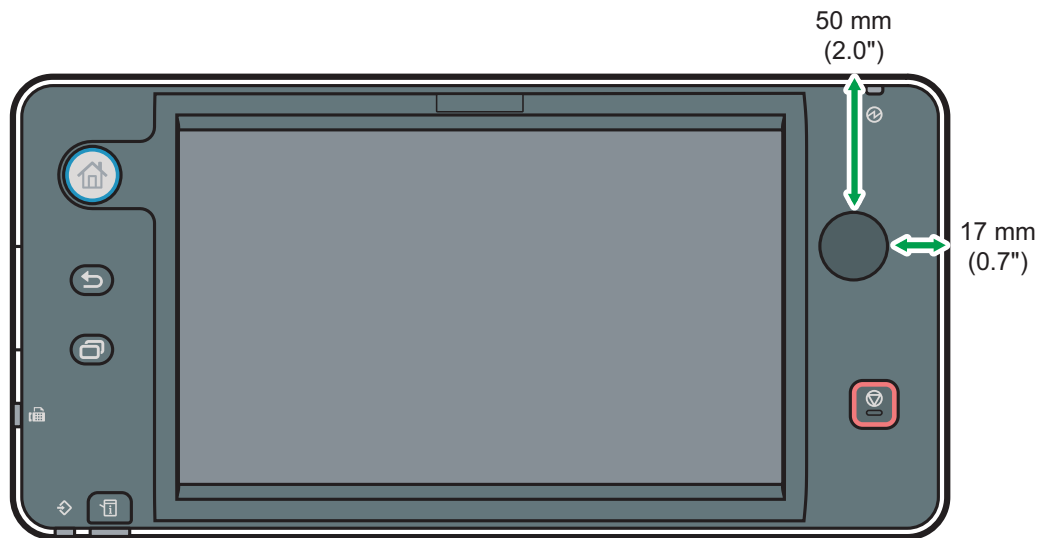
* Estas definições só estão disponíveis apenas quando [Permitir uso por parte de visitantes (Wi-Fi Direct)] estiver ativado.

配置NFC标签

附加NFC标签

将NFC标签附加到以下位置：

- Smart Operation Panel



DGT004

致管理员

RICOH Smart Device Connector让用户能够从Android智能设备远程访问机器。Android应用程序利用机器上附加的NFC标签中注册的网络信息与机器建立网络连接。用户可通过建立的连接远程访问机器。

在使用Android应用程序之前，管理员必须对机器附加NFC标签并将网络设置注册到NFC标签。

确认网络连接方法

RICOH Smart Device Connector通过内联网中的接入点或使用机器的Wi-Fi直连功能连接到网络。

通过Wi-Fi直连功能，无法访问内联网的用户可直接连接到机器并使用RICOH Smart Device Connector。

配置安全设置

使用NFC标签，用户可轻松连接到机器。

根据环境的安全策略，配置机器的安全设置。

- 配置管理员访问控制，以便只有管理员可以修改机器的默认设置。

使机器准备好使用RICOH Smart Device Connector

在对机器使用RICOH Smart Device Connector之前，请对机器进行相应的配置。

按照以下步骤配置机器。

创建并安装设备证书

1. 以网络管理员身份从Smart Operation Panel登录。
2. 按 [主页] 键，并向左轻拂屏幕，然后按 [用户工具]。
3. 按 [系统设置]。
4. 按 [管理员工具]。
5. 按三次 [▼向后]。
6. 按 [编入/删除设备证书]。
7. 检查是否已选择 [程序]。
8. 按 [证书1]。
9. 进行所需的设置。

要将设备证书用于S/MIME、PDF数字签名或PDF/A数字签名，请在电子邮件地址设置中输入机器管理员的电子邮件地址。

10. 按 [确定]。
11. 注销。

设置SSL/TLS加密模式

1. 以网络管理员身份从Smart Operation Panel登录。
2. 按 [主页] 键，并向左轻拂屏幕，然后按 [用户工具]。
3. 按 [系统设置]。
4. 按 [接口设置]。
5. 按 [▼向后]。
6. 按 [允许SSL/TLS通信]。
7. 如果您使用的是HTTP连接，请选择 [密文/明文]。如果您使用的是HTTPS连接，请选择 [密文优先级]。
8. 按 [确定]。
9. 注销。

激活Wi-Fi直连（仅当已启用Wi-Fi直连时）

1. 以网络管理员身份从Smart Operation Panel登录。
2. 按 [主页] 键，并向左轻拂屏幕，然后按 [屏幕特性]。
3. 按 [无线和网络]。
4. 按 [Wi-Fi直连设置]。
5. 选择 [Wi-Fi直连]。
6. 返回 [无线和网络] 屏幕。
7. 按 [端口转移至机器]。
8. 按 [端口转移设置]。
9. 选择 [端口转移]。
10. 注销。

将网络设置写入NFC标签

★重要信息

- 将网络设置写入NFC标签必须由管理员执行。
- 将网络设置写入Smart Operation Panel中附加的NFC标签时，请小心用Android智能设备轻触NFC标签，以免损坏Smart Operation Panel的屏幕。

1. 以网络管理员身份从Smart Operation Panel登录。
2. 启动 [RICOH Smart Device Connector]。
3. 按 [设置]。
4. 如果您使用的是HTTPS连接，请选择 [使用HTTPS连接]。
5. 要允许用户通过Wi-Fi直连连接访问机器，请选择 [允许访客使用]。
6. 按 [确定]。

Smart Operation Panel上将会出现QR代码。在您的Android智能设备上执行步骤7及后续步骤。

7. 在RICOH Smart Device Connector的菜单屏幕上，轻按 。
8. 轻按 [将数据写入NFC标签]。
9. 轻按 [将数据写入NFC标签] 按钮。
10. 使用Android智能设备的摄像头在机器屏幕上扫描QR代码。
11. 轻按 [写入] 按钮，然后用Android智能设备轻触机器上的NFC标签。

如果数据成功写入标签，将会出现数据写入完成屏幕。

简体中文

注

- 要查看或更改将写入NFC标签的设置信息，请在QR代码扫描屏幕上轻按 [⋮]，然后轻按 [手动配置]。根据机器设置，编辑要写入NFC标签的设置信息。您可以在以下屏幕上检查机器设置：

RICOH Smart Device Connector 中的设置项目	机器上的设置项目及其位置
管理员名称	-
管理员密码	-
IPv4地址	<ul style="list-style-type: none">机器IPv4地址 [用户工具]>[系统设置]>[接口设置]>[网络]或 [无线局域网]
SSL	<ul style="list-style-type: none">允许SSL/TLS通信 [用户工具]>[系统设置]>[接口设置]>[网络]
允许访客使用 (Wi-Fi直连)	<ul style="list-style-type: none">Wi-Fi直连 [屏幕特性]>[无线和网络]>[Wi-Fi直连设置]
SSID*	<ul style="list-style-type: none">网络SSID [屏幕特性]>[无线和网络]>[Wi-Fi直连设置]
安全*	<ul style="list-style-type: none">安全方式 [用户工具]>[系统设置]>[接口设置]>[无线局域网]
密码*	<ul style="list-style-type: none">连接密码 (WPA/WPA2 PSK) [屏幕特性]>[无线和网络]>[Wi-Fi直连设置]
IPv4地址*	<ul style="list-style-type: none">DHCP服务器IP地址 [屏幕特性]>[无线和网络]>[Wi-Fi直连设置]

简体中文

RICOH Smart Device Connector 中的设置项目	机器上的设置项目及其位置
HTTP端口号*	<ul style="list-style-type: none">• 端口转移设置 [屏幕特性]>[无线和网络]>[端口转移至机器]>[端口转移设置] <p>为输入端口号输入 [80]，以便输入端口号和输出端口号相同。</p>
HTTPS端口号*	<ul style="list-style-type: none">• 端口转移设置 [屏幕特性]>[无线和网络]>[端口转移至机器]>[端口转移设置] <p>为输入端口号输入 [443]，以便输入端口号和输出端口号相同。</p>

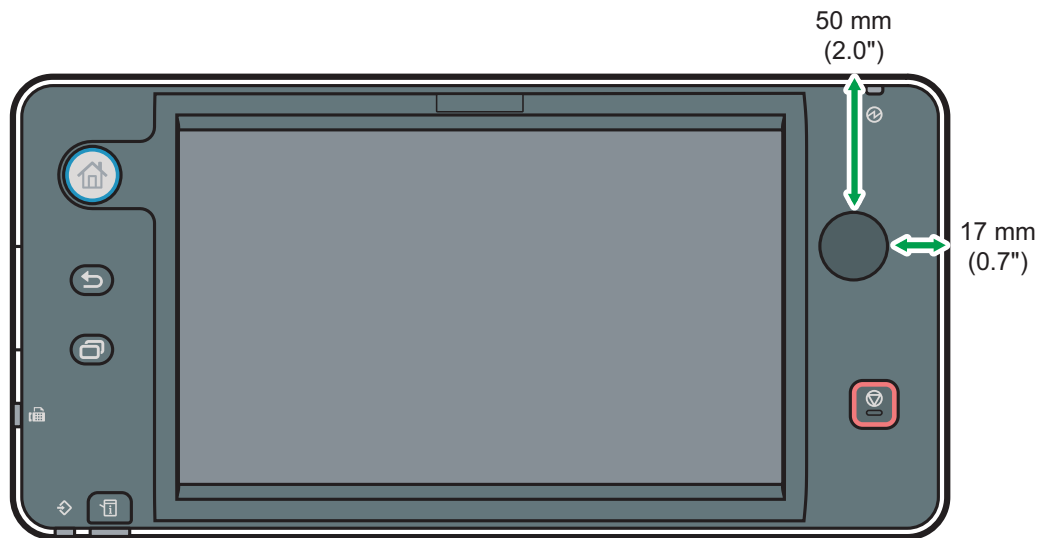
* 这些设置仅在已激活 [允许访客使用 (Wi-Fi直连)] 的情况下才可用。

配置NFC標籤

固定NFC標籤

將NFC標籤固定至以下位置：

- Smart Operation Panel



DGT004

系統管理員注意事項

RICOH Smart Device Connector可讓使用者從遠端的Android智慧型裝置存取機器。Android應用程式會使用登記到NFC標籤（固定至機器）的網路資訊與機器建立網路連線。使用者可透過建立的連線從遠端存取機器。

使用Android應用程式前，管理員必須將NFC標籤固定至機器，並將網路設定登記到NFC標籤。

確認網路連線的方法

RICOH Smart Device Connector透過內部網路存取點或使用機器的Wi-Fi Direct功能連接到網路。

Wi-Fi Direct功能可讓無法存取內部網路的使用者直接連接到機器並使用RICOH Smart Device Connector。

配置安全性設定

使用者可使用NFC標籤輕鬆連接到機器。

根據環境的安全性政策，配置機器的安全性設定。

- 配置管理員存取控制，這樣只有管理員才能修改機器的預設值。

與RICOH Smart Device Connector搭配使用的前置作業

與RICOH Smart Device Connector搭配使用前，請在機器上進行對應配置。
請依照以下步驟配置機器。

建立與安裝裝置憑證

1. 以網路管理員身份從Smart Operation Panel登入。
2. 按下 [首頁] 鍵，將螢幕撥到左側，然後按下 [使用者工具]。
3. 按下 [系統設定]。
4. 按下 [管理員工具]。
5. 按 [▼次頁] 三次。
6. 按下 [登錄／刪除裝置憑證]。
7. 檢查是否選擇了 [登錄]。
8. 按下 [憑證1]。
9. 進行必要的設定。

若要使用S/MIME的裝置憑證、PDF數位簽章或PDF/A數位簽章，請在電子郵件地址設定中輸入機器管理員的電子郵件地址。

10. 按下 [確定]。
11. 登出。

設定SSL/TLS加密模式

1. 以網路管理員身份從Smart Operation Panel登入。
2. 按下 [首頁] 鍵，將螢幕撥到左側，然後按下 [使用者工具]。
3. 按下 [系統設定]。
4. 按下 [介面設定]。
5. 按 [▼次頁]。
6. 按下 [允許SSL/TLS通訊]。
7. 如果使用HTTP連線，請選擇 [密文／純文字]。如果使用HTTPS連線，請選擇 [密文優先權]。
8. 按下 [確定]。
9. 登出。

啟動Wi-Fi Direct (僅在啟用Wi-Fi Direct時)

1. 以網路管理員身份從Smart Operation Panel登入。
2. 按下 [首頁] 鍵，將螢幕撥到左側，然後按下 [螢幕功能]。
3. 按下 [無線與網路]。
4. 按下 [Wi-Fi Direct設定]。
5. 選擇 [Wi-Fi Direct]。
6. 返回 [無線與網路] 畫面。
7. 按下 [連接埠轉傳至機器]。
8. 按下 [連接埠轉傳設定]。
9. 選擇 [連接埠轉傳]。
10. 登出。

將網路設定寫入NFC標籤

★重要訊息

- 將網路設定寫入NFC標籤的操作只能由管理員執行。
- 若將網路設定寫入固定至Smart Operation Panel的NFC標籤，請將Android智慧型裝置小心碰觸NFC標籤，這樣才不會損壞Smart Operation Panel的螢幕。

1. 以網路管理員身份從Smart Operation Panel登入。
2. 啟動 [RICOH Smart Device Connector]。
3. 按下 [設定]。
4. 如果使用HTTPS連線，請選擇 [使用HTTPS連線]。
5. 若要允許使用者透過Wi-Fi Direct連線存取機器，請選擇 [允許來賓使用]。
6. 按下 [確定]。
此時QR碼會出現在Smart Operation Panel。執行步驟7，然後也在Android智慧型裝置上執行。
7. 在RICOH Smart Device Connector的功能表畫面上，點選 [⋮]。
8. 點選 [將資料寫入NFC標籤]。
9. 點選 [將資料寫入NFC標籤] 按鈕。
10. 使用Android智慧型裝置掃描機器螢幕上的QR碼。
11. 點選 [寫入] 按鈕，然後用Android智慧型裝置觸碰機器上的NFC標籤。

如果資料成功寫入標籤，會出現資料寫入完成的畫面。

繁體中文

註

- 要查看或變更要寫入NFC標籤的設定資訊，點選QR碼掃描畫面上的 [⋮]，然後再點選[手動配置]。根據機器的設定編輯要寫入NFC標籤的設定資訊。您可以在以下畫面檢查機器設定：

RICOH Smart Device Connector中的設定項目	機器上的設定項目及位置
管理員名稱	-
管理員密碼	-
IPv4位址	<ul style="list-style-type: none">• 機器IPv4位址 [使用者工具]>[系統設定]>[介面設定]>[網路] 或 [無線LAN]
SSL	<ul style="list-style-type: none">• 允許SSL/TLS通訊 [使用者工具]>[系統設定]>[介面設定]>[網路]
允許來賓使用 (Wi-Fi Direct)	<ul style="list-style-type: none">• Wi-Fi Direct [螢幕功能]>[無線與網路]>[Wi-Fi Direct 設定]
SSID*	<ul style="list-style-type: none">• 網路SSID [螢幕功能]>[無線與網路]>[Wi-Fi Direct 設定]
安全性*	<ul style="list-style-type: none">• 安全方式 [使用者工具]>[系統設定]>[介面設定]>[無線LAN]
密碼*	<ul style="list-style-type: none">• 連線密碼 (WPA/WPA2 PSK) [螢幕功能]>[無線與網路]>[Wi-Fi Direct 設定]
IPv4位址*	<ul style="list-style-type: none">• DHCP伺服器IP位址 [螢幕功能]>[無線與網路]>[Wi-Fi Direct 設定]

RICOH Smart Device Connector中的設定項目	機器上的設定項目及位置
HTTP連接埠編號*	<ul style="list-style-type: none">• 連接埠轉傳設定 [螢幕功能]>[無線與網路]>[連接埠轉傳至機器]>[連接埠轉傳設定] 在「輸入連接埠編號」輸入[80]，讓「輸入連接埠編號」和「輸出連接埠編號」相同。
HTTPS連接埠編號*	<ul style="list-style-type: none">• 連接埠轉傳設定 [螢幕功能]>[無線與網路]>[連接埠轉傳至機器]>[連接埠轉傳設定] 在「輸入連接埠編號」輸入[443]，讓「輸入連接埠編號」和「輸出連接埠編號」相同。

* 這些設定只有在啟用 [允許來賓使用 (Wi-Fi Direct)] 時才能使用。

Operation Workflow

★ Important

- When sending a print, copy, scan, or fax job from an Android smart device to a machine, touch the Android smart device to the NFC tag that is affixed on the Smart Operation Panel. Touch the Android smart device softly to the NFC tag. Otherwise the screen of Smart Operation Panel may be damaged.


1. On the menu screen of RICOH Smart Device Connector, tap the function you want to use.

The NFC touch screen appears.

2. Specify the settings according to each function, such as the number of copies, the orientation of the original, or duplex printing.
3. When using the copier, scanner, or fax function, set the original on the machine.
4. While the NFC touch screen is displayed, touch the mobile device to the NFC tag on the machine.

The function you specify using RICOH Smart Device Connector is performed.

↓ Note

- When [User Authentication] is enabled on the machine, tap [] on the menu screen, and then enter the user code or user name and password for authentication in the [Authentication Settings] screen.
- An Android smart device may lose a 3G or 4G mobile Internet connection after you operate the machine from this application on the device. If this occurs, disable the Wi-Fi connection or delete the connection history of the device.

Features of RICOH Smart Device Connector

RICOH Smart Device Connector allows users to access the machine from your Android smart device.

Store machine settings in and transfer them to an Android smart device

- You can use your Android smart device to configure a machine without using the control panel of the machine. Storing pre-configured settings in your Android smart device allows you to apply the settings without operating the control panel of the machine.
- The machine settings that are specified on an Android smart device can be stored as a "program", which can be loaded later and applied to a machine. By storing and applying your preferences, you can use different machines with the same settings that you usually use.

Use the address book of an Android smart device for the fax and scanner functions

- You can use the address book of your Android smart device to specify the destination when using the fax and scanner functions.
- You do not have to register destinations in the address book of a machine.

Save scanned data to an Android smart device

- You can save the data scanned on a machine to your Android smart device. Scanned data can be saved as a JPEG or PDF file.
- A list and preview of the data stored in an Android smart device can be viewed in RICOH Smart Device Connector.

Print photos and documents stored in an Android smart device

- You can print documents and photos that are stored in your Android smart device on a machine. Files in JPEG or PDF format can be printed.
- You can select and print one or more photos at a time.

Access Web Image Monitor from an Android smart device

- You can access Web Image Monitor of a machine from your Android smart device and check the machine status.

Note

- If the Android smart device is connected to the Internet through a proxy in an intranet, this application may not be able to connect to Web Image Monitor.
- Some functions in Web Image Monitor may not work correctly.

Configure User Authentication

- You can restrict users who can access the machine from this application by enabling user authentication (basic authentication) and registering user names and passwords.

To allow unregistered users to access the machine, create a guest account.

Copy

You can specify the following settings in this application:

Setting Item	Description
Copies	Specify the number of print copies. The default is "1". Specify up to 99.
Color	Specify the color mode to print. The default setting is [B & W].
Original Orientation	Specify the orientation of the original. The default is [Readable Direction].
2 Sided	Specify whether to make copies on both sides of the paper, and specify the binding direction. The default is [1 Sided -> 1 Sided].
Combine	Specify the number of pages to print on a single sheet of paper. The default is [Off].
Paper Tray	Specify the input tray. The default is [Auto Paper Select].

↓ Note

- Use the auto document feeder (ADF) if the original you want to copy is printed on both sides or consists of multiple pages. When you place the original to be copied on the exposure glass, the settings for this application needs to be specified for each page. If you are using a machine without the ADF to copy an original of multiple pages, specify settings on the machine instead of using this application.

Scan

You can specify the following settings in this application:

Setting Item	Description
Address	<p>Specify the location where the scanned data is saved.</p> <p>The default is [This Device].</p> <p>Select [This Device] to save the scanned data to the Android smart device.</p> <p>Select [Send Email via Machine] to send the scanned data via e-mail to the specified e-mail address. You can select the e-mail address from the address book of the Android smart device.</p> <p>When specifying [Send Email via Machine], configure the settings with [File Transfer Settings] in the machine as follows:</p> <ul style="list-style-type: none">• Specify [Administrator's Email Address]• Specify [On] for [Auto Specify Sender Name]
Original Type	<p>Specify the type of scanning to use.</p> <p>The default is [B&W Text/Line Art].</p>
Resolution	<p>Specify the output resolution.</p> <p>The default is [200dpi].</p>
File Type	<p>Specify the format to save scanned data.</p> <p>The default is [JPEG].</p>
Scan Size	<p>Specify the size of the original to scan.</p> <p>The default is [Auto Detect].</p>
Original Sides	<p>Specify whether to scan both sides of the original using the ADF.</p> <p>The default is [1 Sided].</p>

Setting Item	Description
Original Orientation	Specify the orientation of the original. The default is [Readable Direction].

 **Note**

- Use the auto document feeder (ADF) if the original you want to scan is printed on both sides of the paper or consists of multiple pages. When you scan the original using the exposure glass, specify the settings of this application for each page. If you are using a machine without the ADF to scan a multiple page original, specify settings on the machine instead of using this application.
- If the original you want to scan consists of many pages, or the scan resolution is set too high, scanning may take a long time. Also, the application may be suspended unintentionally due to insufficient memory on the Android smart device. If normal scanning cannot be performed, scan fewer pages at one time, or reduce the scan resolution.
- Operate the machine to view the job history log of [Send Email via Machine].

Fax

You can specify the following settings in this application:

Setting Item	Description
Address	Specify the fax destination of the scanned data. You can select the fax number from the address book of the Android smart device.
Original Type	Specify the type of scanning to use. The default is [Text].
Resolution	Specify the output resolution. The default is [Normal].
Scan Size	Specify the size of the original. The default is [Auto Detect].
Original Sides	Specify whether to scan both sides of the original using the ADF. The default is [1 Sided].
Original Orientation	Specify the orientation of the original. The default is [Readable Direction].

Note

- Use the auto document feeder (ADF) if the original you want to send by fax is printed on both sides or consists of multiple pages. When you place the original to be faxed on the exposure glass, the settings for this application needs to be specified for each page. If you are using a machine without the ADF to fax an original of multiple pages, specify settings on the machine instead of using this application.
- Operate the machine to view the fax transmission history.

Print

★ Important

- To use printer functions, install RICOH Smart Device Print&Scan (Version 2.2.0 or later). If a message prompting you to install the Android application appears, tap [OK] to install RICOH Smart Device Print&Scan.

"Print Photograph" Settings

Setting Item	Description
Copies	Specify the number of copies to print. The default value is "1". Specify up to 99.
Color/B&W	Specify whether to print documents in color or black and white. The default is [Color].
Paper Size	Specify the paper size. The default is [A4 (210 x 297 mm)].
Orientation	Specify the orientation of the original. The default is [Vertical].
2 Sided	Specify whether to print on both sides of the paper, and specify the binding direction. The default is [1 Sided].
Staple	Specify whether to staple the output sheets, and specify the staple position. The default is [Off].
Job Type	Specify the print method. To print the file immediately, select [Normal Print]. To save the file to the machine and protect it with a password, select [Locked Print]. The default is [Normal Print].

Setting Item	Description
Print User ID	Specify the user ID when setting [Job Type] to [Locked Print]. Enter up to 8 alphanumeric characters.
Locked Print Password	Specify the password when setting [Job Type] to [Locked Print]. Enter a 4- to 8-digit number.

Note

- Operate the machine to view the print job history.

"Print Document" Settings

Setting Item	Description
Copies	Specify the number of copies to print. The default value is "1". Specify up to 99.
Color/B&W	Specify whether to print documents in color or black and white. The default is [Color].
Paper Size	Specify the paper size. The default is [A4 (210 x 297 mm)].
2 Sided	Specify whether to print on both sides of the paper, and specify the binding direction. The default is [1 Sided].
Staple	Specify whether to staple the output sheets, and specify the staple position. The default is [Off].


Setting Item	Description
Job Type	Specify the print method. To print the file immediately, select [Normal Print]. To save the file to the machine and protect it with a password, select [Locked Print]. The default is [Normal Print].
Print User ID	Specify the user ID when setting [Job Type] to [Locked Print]. Enter up to 8 alphanumeric characters.
Locked Print Password	Specify the password when setting [Job Type] to [Locked Print]. Enter a 4- to 8-digit number.
Combine	Specify the number of pages to print on a single sheet of paper. The default is [Off].
Start Page	Specify the start page of the range to print. The default is [1].
End Page	Specify the end page of the range to print. The default is the total number of pages in the PDF file.

 **Note**

- Operate the machine to view the print job history.

Registering Frequently Used Settings

You can save your preferences for each function as a "program", which can be loaded later and easily applied to a machine.

1. In the setting screen of the copier, scanner, fax or printer function, check the settings that you want to save as a program.
2. Tap [].
3. Enter the program name.
4. Select the icon to be shown in the list.
5. Tap [Register].

Note

- To apply a stored program, tap [Program] in the menu screen, and tap the name of the program.
- To delete a stored program, tap [Program] in the menu screen, and long tap the name of the program to be deleted.

Viewing Stored Data in an Android smart device

To view scanned data in an Android smart device, tap [Scan Data] on the menu screen.

To delete an item, long tap the name of the file to be deleted in the list of the stored data.

Error Messages

Error Message	Cause	Solution
Invalid data was read from NFC tag.	The value read from the NFC tag is invalid.	Request the administrator to write the correct information to the NFC tag.
Failed to connect Wi-Fi. Please check your network configuration.	<ul style="list-style-type: none">• The Wi-Fi connection of the Android smart device is disabled.• The specified Wi-Fi network does not exist.• The connection information that is written in the NFC is incorrect.	<ul style="list-style-type: none">• Enable the Wi-Fi connection of the Android smart device.• Check that the Android smart device detects the signal of the Wi-Fi network.• Request the administrator to write the correct information to the NFC tag.

Error Message	Cause	Solution
<p>Cannot connect to the machine.</p>	<ul style="list-style-type: none"> • The machine is off-line. • Smart Operation Panel of the machine is in energy-saving mode. Wi-Fi Direct connection cannot be established. • The connection information that is written to the NFC is incorrect. 	<ul style="list-style-type: none"> • For Administrator: Switch the machine's status to online. • For Administrator: Recover the machine from the energy-saving mode. • Request the administrator to write the correct information to the NFC tag.
<p>The machine's IP address has been changed. Please contact the administrator for details and correct the IP address information registered to the NFC tag.</p>	<p>The IP address written in the NFC tag is no longer used.</p>	<p>Request the administrator to write the correct IP address to the NFC tag.</p>
<p>Failed to write. The NFC tag has not enough memory space.</p>	<p>The size of the data to be written exceeds the available memory in the NFC tag.</p>	<p>Specify a shorter SSID or password to reduce the size of the data to be written to the NFC tag.</p>
<p>Failed to write. Tap [OK], and touch the NFC tag again.</p>	<p>The time the Android smart device and the NFC tag comes in contact is too short.</p>	<p>Touch the Android smart device on the NFC tag for a longer duration.</p>

Error Message	Cause	Solution
The machine could not be found. Please check the IP address.	<ul style="list-style-type: none"> The specified IP address does not match the IP address of the machine. The machine is not turned on. 	<ul style="list-style-type: none"> Check the IP address of the machine, and specify the correct IP address. Turn the machine on.
Insufficient memory. Please change scan setting and try again.	The Android smart device has insufficient memory.	Change the scan settings by specifying a lower resolution or fewer pages to scan.
The QR code is incorrect.	The barcode scanned from the QR code is invalid.	Contact the administrator to check if the information contained in the QR code is correct.
The QR code does not have the administrator privilege information of the machine.	The administrator authentication information scanned from the QR code is incorrect.	Contact the administrator to check if the information contained in the QR code is correct.
An error occurred. Please check the status of the machine.	An internal error has occurred on the machine.	<ul style="list-style-type: none"> Check the device status. If the error persists, restart the machine.
The machine cannot be operated from this device while another user is changing the machine's settings or logging in.	A connection cannot be established when the settings screen is displayed or a user is logged in to the control panel of the machine.	<ul style="list-style-type: none"> Close the settings screen of the machine. Log out if a login user is using the control panel of the machine.

Error Message	Cause	Solution
Memory capacity is low. Delete unnecessary scanned images.	The available storage amount in the smart device is insufficient.	Tap [Scan Result] in the menu screen of RICOH Smart Device Connector, and then delete unnecessary images.

Specifications

Supported Android smart devices	<ul style="list-style-type: none">• Operating System Android 4.0 or higher• Network Connection Wi-Fi, Wi-Fi Direct, TCP IP (IPv4)• Support NFC Communication Standard
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For the latest information about supported machine models and confirmed Android smart devices, see the manufacturer's Web site.

Trademarks

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QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and in other countries.

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