

MED STREAM™

QUICKSTART GUIDE

Model: MedXStream Android
U5014-04, 1.0 2014-12-30



MEDXSTREAM.COM

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CONNECTING VIDEO RECORDER TO NETWORK

After unpackaging the wireless adapter, connect the USB and Ethernet cables to the appropriate places on the backside of the wireless adapter. Connect the other side of the USB and Ethernet cables from the wireless adapter to the back of the Medical Video Recorder in the Network and USB slot. Navigate to the 'Network Settings' page to verify that the Video Recorder has an IP assigned to it. This is the IP address that will be used to connect MedXStream™ to the Video Recorder (Figure 1).

FIGURE 1

DRSHD 1080p



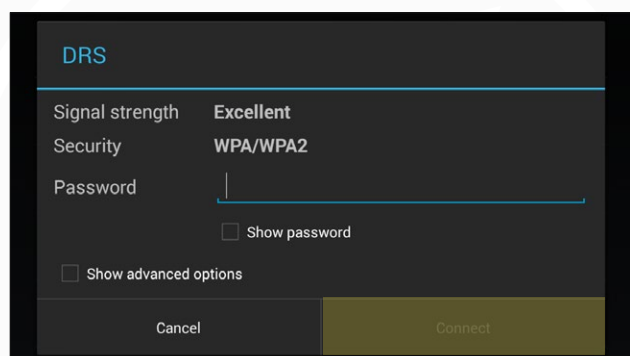
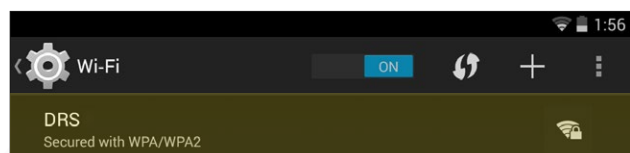
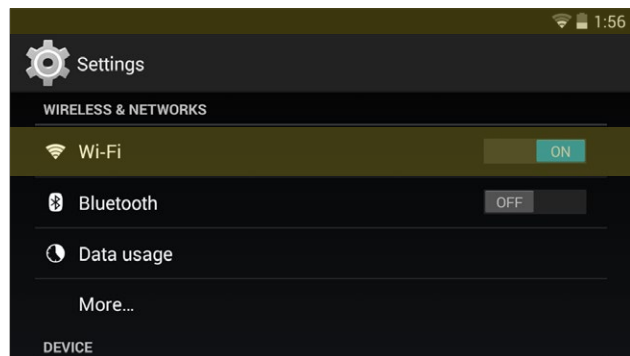
EvolutionHD



CONNECTING ANDROID DEVICE TO NETWORK

To connect the user's Android device to the same network as your Medical Video Recorder make sure your device is unlocked and you are on the 'Home' screen of your device. Tap and drag down the 'Settings' drawer in the top navigation bar of your device. From here tap 'Wi-Fi' to the 'ON' position (Figure 2-1) and select 'DRS' (Figure 2-2). When prompted enter the Password '1234567890,' tap 'Connect' (Figure 2-3).

FIGURE 2



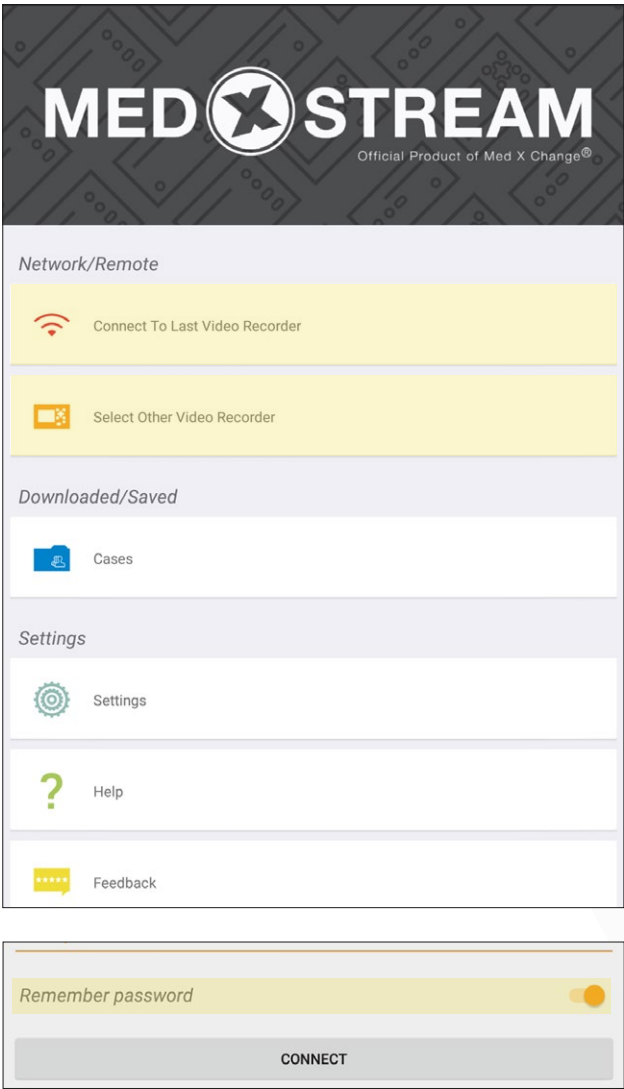
CONNECT TO LAST VIDEO RECORDER

Connecting to Last Video Recorder enables users to quickly access the most recently connected device. Users must have 'Remember Password' in the 'ON' position when connecting to the device to enable connecting instantly. If users do not they will be prompted to enter their password every time (Figure 3-2).

SELECT OTHER VIDEO RECORDER

Browse and connect to Video Recorders by either scanning for them or manually connecting to them by tapping 'Select Other Video Recorder' (Figure 3-1).

FIGURE 3

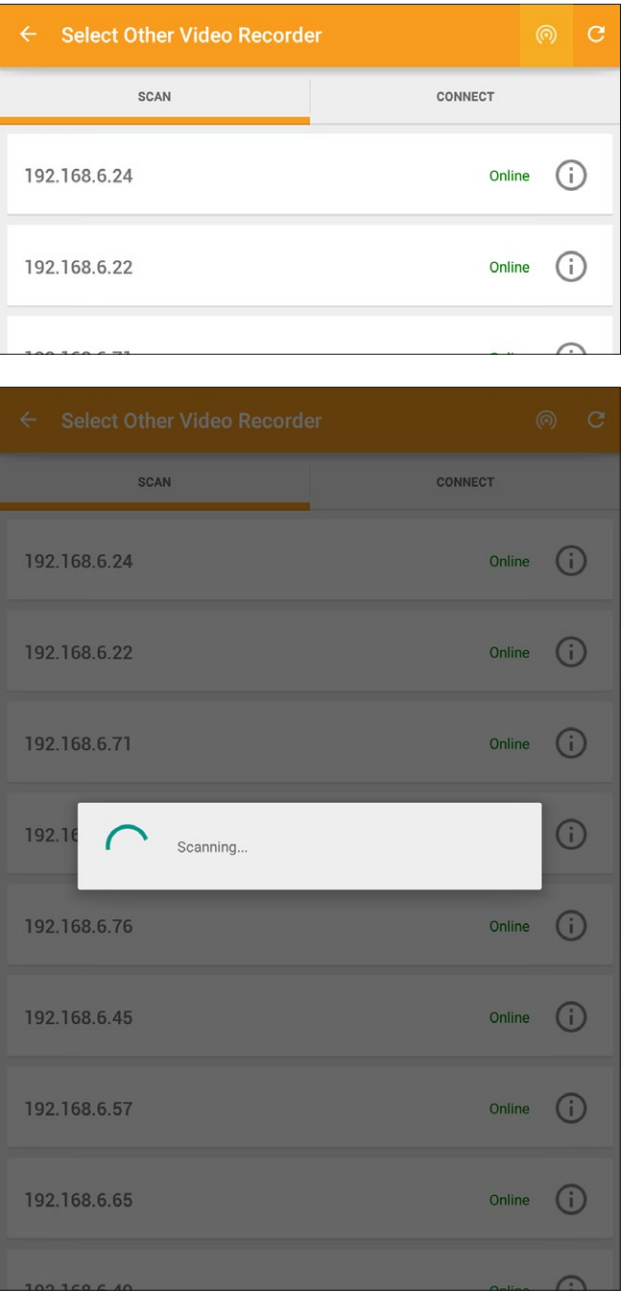


SCANNING FOR DEVICES

To scan for available devices on the same network, tap the scan icon (Figure 4-1). Devices will appear as they are discovered. To cancel a scan early tap outside of the scanning dialogue box (Figure 4-2).

Note: Devices are discovered using a UDP broadcast. Networks must support UDP broadcasting for device discovery to work.

FIGURE 4



MANUALLY CONNECTING

If the user's network does not support device discovery, or if they know the IP address of the device the user would like to connect to, they can connect to it directly (Figure 5-1).

FIELDS

IP Address (required) - user will need the IP address of the device they would like to connect to.

Display Name (optional) - this gives the user the option to rename the device associated with this IP Address (ex: Operating Room 1, etc).

User name (required) - user will need their user name to authenticate against the device.

Password (required) - user will need their password to authenticate against the device.

Remember password (optional) - When enabled, the password entered will be stored. The username is stored by default. To allow for quick connection to a device enable this feature.

After the required fields have been entered, tap 'Connect' (Figure 5-2). A prompt will be given if the device could not be found or the credentials are invalid. Tapping 'Forget' will remove the device from internal storage as if it has never been connected before.

FIGURE 5

← Select Other Video Recorder

SCANCONNECT

IP Address

192.168.6.24

Display name

Operating Room

Username

admin

Password

.....

Remember password

CONNECT

USERNAMES AND PASSWORDS

Username and Passwords are managed on the Medical Video Recorder. Each user added on the recorder has access to it with the MedXStream™ application using his/her username and password (Figure 6-1). To add a New User to the Medical Video Recorder access 'Settings > Security,' highlight the 'Add' button and press 'Enter.' Type a username in the 'User name' field. Type a password in the 'Password' field and retype the password in the 'Confirm password' field. Add any notes if necessary in the 'Notes' section, then highlight the 'Save' button and press 'Enter' (Figure 6-2).

Each recorder comes with a default user 'admin' with a password of 'admin.' Although the default 'admin' user is technically a user, it cannot be used without first changing the default password of 'admin.' This is to ensure that unauthorized users cannot access the system with default credentials that are shipped with every Video Recorder.

FIGURE 6

IP Address

192.168.6.24

Display name

Operating Room

Username

csmith

Password

.....

Remember password

CONNECT

Add user

User name

Password

Confirm password

Notes

SaveCancelDelete

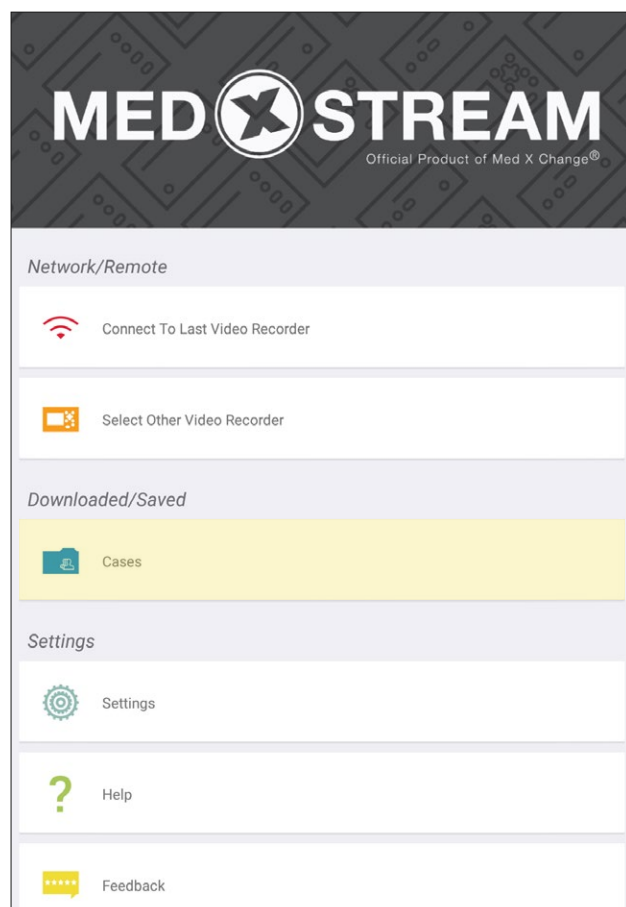
LOCAL VS REMOTE

There are two ways to browse cases in the MedXStream™ app. Each mode has a similar user interface with slightly different actions available to the user.

LOCAL

Local cases are accessed using 'Cases' on the Home Page of MedXStream™ (Figure 9). All the cases, stills and videos visible within this section are locally stored on MedXStream™ and can be accessed without a connection to the Video Recorder or Wi-Fi. If multiple cases are downloaded from multiple Medical Video Recorders, they will all appear in this single location. Since media items and cases are stored locally more features are available such as emailing, etc.

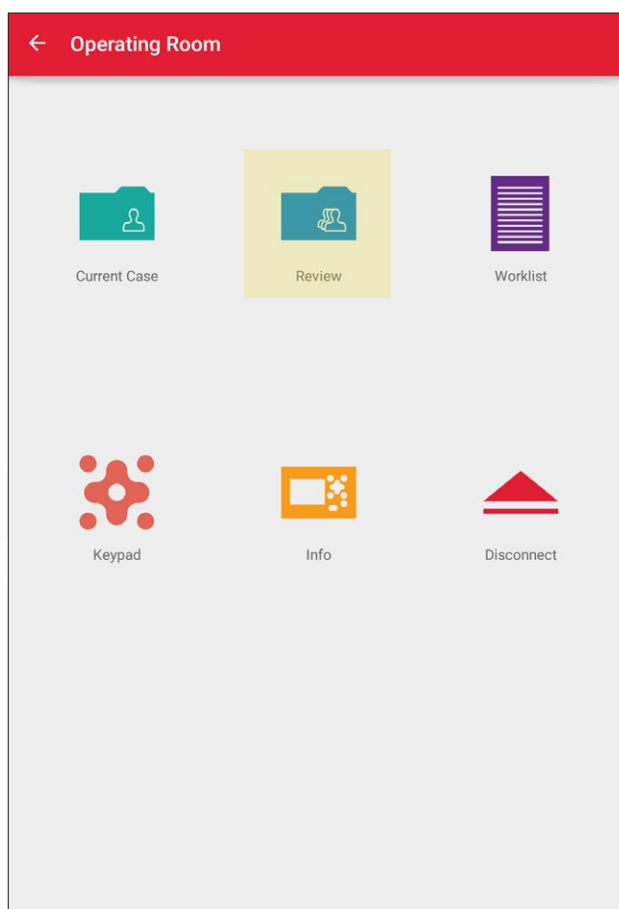
FIGURE 9



REMOTE

Remote cases are accessed when connected to a Medical Video Recorder (Figure 10). Only cases, stills and videos available on the Video Recorder selected will be displayed. Users are unable to perform some actions (emailing, etc) without first downloading stills or videos from this location to local cases. However, if a remote still or video is being viewed, but it has been also found locally (meaning it has been previously downloaded), then the additional actions will become available from within this location (such as emailing, etc).

FIGURE 10



CASE INFORMATION

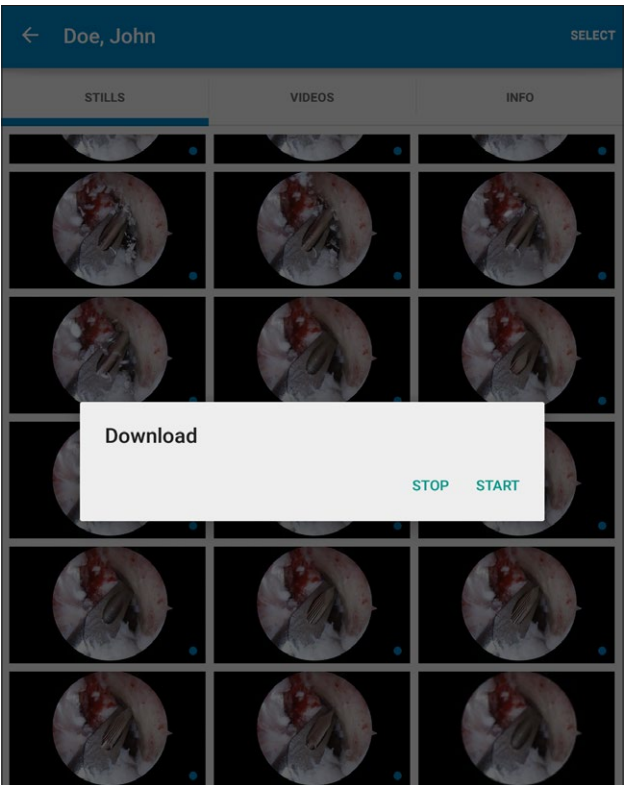
Information about the case may be viewed from the Review section. When connected to a device (remotely), only the configured patient fields will display. When viewing a case locally, all the patient fields will be displayed. No patient data will be present if the 'Stripping Patient Data' feature has been enabled on the Settings page.

DOWNLOADING STILL/VIDEOS

When connecting to a Medical Video Recorder remotely, the user has the option to download stills and videos (Figure 13). Downloads are queued and processed one at a time. When a download has been completed, a blue dot will appear in the bottom right corner of the media item and its associated case will now be available for offline access, emailing, reporting, annotating, printing, etc.

If the user would like to cancel a media item that has been queued for download, follow the same process to download the media item, but instead of tapping 'Start,' tap 'Stop.' This will cancel the download and remove all content associated with the case items that had started downloading.

FIGURE 13



AVERAGE POST CASE NETWORK DOWNLOAD SPEEDS

1080p

QUALITY	:15	:30	1:00	5:00
Low	:09	:33	:56	4:56
Med	:28	:56	1:43	9:06
High	:43	1:23	2:56	14:43

480p

QUALITY	:15	:30	1:00	5:00
Low	:13	:26	:56	4:26
Med	:26	:56	1:43	9:06
High	:33	1:06	2:06	11:33

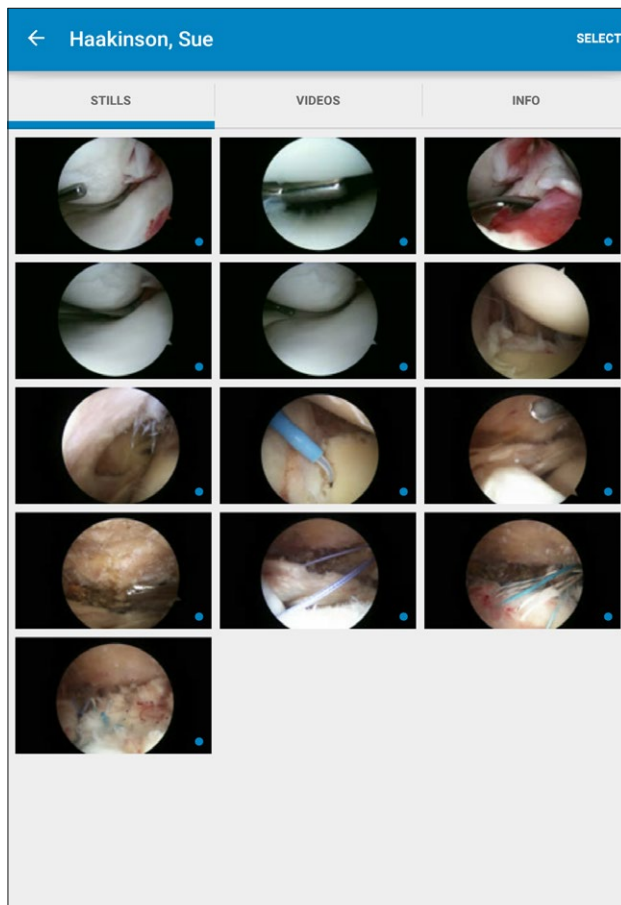


VIEWING STILLS/VIDEOS

When viewing a case, the user has the option to view all the stills or videos associated with the case (Figure 14).

When connected remotely to a Medical Video Recorder, if any new stills or videos are added to the case from the recorder at the time the user is viewing the case in MedXStream™, the newly added stills or videos will automatically appear. Likewise, if any stills or video is deleted from the recorder, they will automatically disappear in MedXStream™.

FIGURE 14



DELETING STILLS/VIDEOS

Local - when deleting media items locally they will be removed from the internal database and file system.

Remote - when deleting media items remotely, the user will be prompted to perform one of the following (Figure 15):

- **Delete Locally** - only delete the case locally (if it has been downloaded). If the case has not been downloaded already, the request will be ignored.
- **Delete Remote and Locally** - delete the case from the Medical Video Recorder, as well as the internal database.

FIGURE 15

