



APP NOTES

Onsight Rugged Smart Camera
Software Install Instructions

July 2016

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Software Install Instructions

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Name of Librestream Software OnSight Connect

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1. Overview

These instructions apply to the following OnSight Rugged Smart Cameras:

- MCD2500n, MCD2500
- MCD2000
- MCD1000

1.1 Software Install Requirements

OnSight Rugged Smart Cameras must be at a minimum of version 4.3.8.3 before proceeding with any upgrades. If you do not meet this requirement, install the OnSight Device v4.5 Update Package first.

If the current OnSight Device Operating System is less than v4.3.8.3:

- Update to v4.5.6.3 before proceeding.
- Once v4.5.6.3 has been installed proceed with updates to any version greater than v4.5.6.3.



OnSight Rugged Smart Cameras software version information can be accessed at Main Menu – Configuration – Information - Versions.

You will require the following items to perform software updates:

- OnSight Rugged Smart Camera DC power adapter
- Secure Digital (SD) or SD-HC memory storage card
 - recommend SanDisk Ultra II SD cards for best performance.
- Windows PC with: SD card reader/writer and WinZip software
- An external USB SD card writer may be used

2. Internet Update

OnSight Devices can download the software update over the internet directly from a Librestream Server using the OnSight Device's network connection. Refer to the OnSight Rugged Smart Camera Software Archive web page for the Internet Update instructions.

3. Download Software

Download the Software Update Package (zip) from the OnSight Connect Software Download page:

Filename: OnSightDeviceX.Y.x.y.zip, where X,Y,x,y represent the Software Release Version number. E.g. OnSightDevice7.0.11.8.zip



If you are using Onsight products sold in China please contact Librestream Support for an alternate Software Update package.

Once the Software Update Package has been downloaded:

- Insert a SD card into PC
- On the SD card create a folder named \SysUpdate (if the \SysUpdate folder already exists delete any previous Onsight update files present).
- Copy OnsightDeviceX.Y.x.y.zip file to your PC.
- Extract the contents of OnsightDeviceX.Y.x.y.zip to the PC.
- Copy the files from the PC to the SD card \SysUpdate folder.
- Check the SD card and verify the \SysUpdate folder contains 2 files:
 - Manifest.xml
 - Package*.zip



Do not edit or extract the contents of the Package*.zip file.

- Right click the SD card icon in the Notification tray and select 'Safely Remove...', then 'Stop'
- Eject the SD card from the PC.
- Optional: Label the SD card OnsightDeviceX.Y.x.y – insert appropriate version numbers for 'X.Y.x.y'.

4. SD Card Update

- Insert the SD card containing the \SysUpdate folder into the Onsight Device's SD card slot located under the battery. (Refer to Onsight 2500 User Manual for details.)
- Plug the DC adapter into the Onsight Device – the update will not proceed if the DC adapter is not connected.
- Press the Power button on the Onsight Device and wait till the User Authentication screen appears.



If the Onsight Device enters Standby mode (default: 2 minutes of inactivity) Press the Power button to wake it up.

- Use the Display Mode button to view the Main Menu and select Configuration (see below) – you should see Figure 1.
- Use the Menu on the left and select Maintenance> Update
- Under Package Server select 'file:'
- Under Package Server enter '///Storage Card/SysUpdate'; (note: there are 3 forward slashes in the Server location).
- Tap the Search button
 - You should see "State: Package X.Y.x.y Software Update" reported as available
- Tap the Download button
 - The package will be copied from the SD card to the Onsight Device
- Tap the Install button and follow the instructions
 - The update will occur – takes a few minutes
 - The Onsight Device will power off by itself and in some cases restart
- Remove DC power adapter from Onsight Device.

- Power off the Onsight Device and remove the SD card.

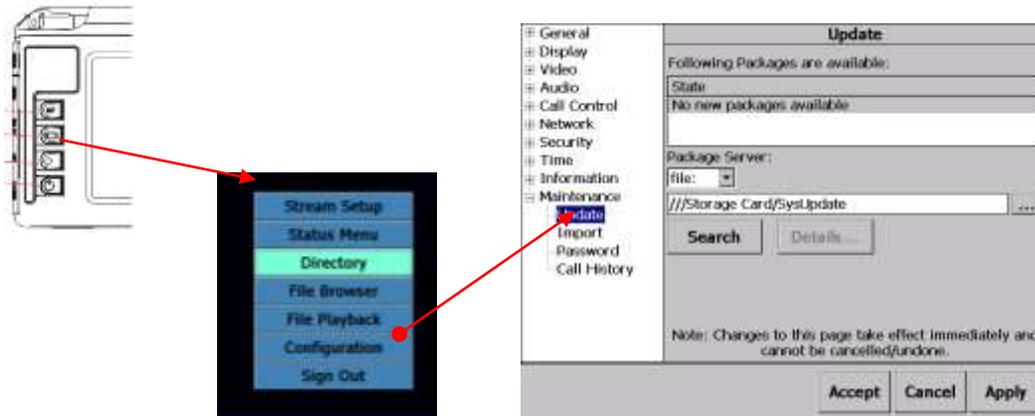


Figure 1 – Display Mode-Main Menu-Configuration

5. Onsight Rugged Smart Camera Configuration

If you are configuring the Onsight camera for the first time you must set the date and time.

- Power on the Onsight Device and log in as admin/admin
- Use the Display Mode button to view the Main Menu and select Configuration (see Figure 1).
- Select Time > Zone and set the correct time zone.
- Select Time > Time/Date and set the current date and time.
 - Tap Apply
- Select Time > TimeServer and select 'Automatically synchronize with time server'
 - the default time Server is '0.pool.ntp.org'. You can add additional NTP time servers here separated by a comma.
 - Note: Sync requires a working network connection to the time server.
 - Tap Accept
- Select Information > Versions > System Manifest and verify the versions are:
 - Operating system X.Y.x.y
 - Bootloader 1.52 or higher
 - Microcontroller 2.28 or higher

6. For More Information

If you need assistance, please contact Librestream at support@librestream.com.