

## How to create and install an R10 Clone Application file

A clone (application) file is designed to save non-default settings for use on one or more R10 receiver. These settings are similar to a powerup config file that was used in the R8 and earlier receivers. This is done through the WebUI interface in the R10.

- 1. Use your computer WIFI manager to select the R10 GNSS as your internet connection
- 2. Open an internet browser
- 3. In the browser's address bar, type the following IP address: 192.168.142.1
- 4. You will see the R10 login screen
  - a. Username: admin
  - b. Password: password
- 5. Select OK

## Creating the clone file

- 1. Confirm all settings that need to be cloned to another receiver, i.e. I/O, modem, reference station settings, etc.
- 2. Select Receiver Configuration and Application Files







3. Under the Application Files Menu, select the drop down and choose Generate Clone File

Applie	cation Files	?	
Executing	Application File Name	CURRENT	
Operation:	Start Now		<b>~</b> F
Current Tin OK Canc OK Canc OK Canc OK Canc OK Canc Delete File Download File Upload File Store Current File Start Default Now 			
	Install Clone File		

4. Once created, the clone file will need to be downloaded to a computer

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1	Executing	Application File Name CURRENT		
	Operation:	Start Now V		
	Current Tin	Start Now		
		Disable Timer		
	OK Canc	Delete File Download File		
		Upload File Store Current File		
		Start Default Now		
		Generate Clone File		
		Install Clone File		
1		Download Clone File		
1		Upload&Install Clone File		
		Upload & Apply Projection and Calibration File (* DC * CAL)		
		View & Apply Projection and Calibration File		



## Installing the clone file

Select Receiver Configuration and Application files
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<u></u>	Receiver Configu
Receiver Status	J J
Satellites	Elevation Mask: 1
Data Logging	PDOP Mask: 9
Receiver Configuration	Horizontal Precision: 0
Summary	Vertical Precision: 0
Antenna	Clock Steering: [
Reference Station	verest™ Multipath Mitigation: E
Tracking	Signal Tracking Bandwidth: N
Correction Controls	Antenna ID: 6
General	Antenna Type: F
Application Files	Antenna Measurement Method: A
Reset	Antenna Height: 0
Default Language	1PPS On/Off: F
I/O Configuration	RTK Mode:
10 Configuration	Motion: k
Bluetooth	CMD Input Filters
	CWIK INput Filter: L

2. Under Application Files menu, click the drop down and choose Upload File

0	Applie	cation Files	<b>?</b>	
_	Executing	Application File Name	CURRENT	
n	Operation:	Start Now		✓ Fi
	Current Tin	Start Now Enable Timer Disable Timer Delete File Download File Upload File Store Current File Start Default Now Generate Clone File Install Clone File		

3. Select choose file, navigate to where the file is stored on a computer, select the POWER\_UP.CFG file and select ok

← → C ▲ Not see	sure   192.168.142.1
	Application Files
Receiver Status	
Satellites	
Data Logging	Executing Application File Name CURRENT
Receiver Configuration	
Summary	Operation: Upload File
Antenna Reference Station	Select File: Choose File POWER_UP.cfg Rename File:
Tracking	
Correction Controls	
Position	OK Cancer
Application Files	
Reset	
Default Language	
I/O Configuration	
Bluetooth	
Radio	
GSM/GPRS Modem	
MSS Corrections	
Network Configuration	
Wi-Fi	
Security	
Firmware	
Help	

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- 4. Verify that the settings chosen have loaded correctly
  - a. i.e. Select I/O Configuration from the menu on the left side of the screen and Bluetooth will be enabled NMEA-GGA (1Hz)

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I/O Configuration Ø			<b>•</b>	Trimble R10	
Receiver Status				5511495263	
Satellites	Type	Port	Input	Output	
Data Logging	TCP/IP	5017			
Receiver Configuration	TCP/IP	5018			
I/O Configuration	TCP/IP	28001			
Port Summary Port Configuration	TCP/IP	28002			
Bluetooth	IBSS/NTRIP Client 1	-	-	-	
Radio	IBSS/NTRIP Client 2	-	-	-	
GSM/GPRS Modem	IBSS/NTRIP Client 3	-	-	-	
MSS Corrections	IBSS/NTRIP Server	-	-	-	
Network Configuration	NTRIP Caster 1	2101	-	-	
Wi-Fi	NTRIP Caster 2	2102	-	-	
Security	NTRIP Caster 3	2103	-	-	
Firmware	Serial	Lemo (38.4K-8N1)	-	-	
Help	Serial	GSM/GPRS Modem (115K-8N1 RTS/CTS)	-	-	
	Bluetooth	1	-	NMEA-GGA(1Hz)	
	Bluetooth	2	-	NMEA-GGA(1Hz)	
	Bluetooth	3	-	NMEA-GGA(1Hz)	
	USB	-	-	-	
	Radio	-	-		

5. The power may need to be cycled (not a hard boot as that will delete the file) for the clone file to take effect.

**NOTE:** When a survey is ended using a data collector with Trimble Access, the ports **will RESET THE FACTORY DEFAULTS**. The power will need to be cycled for the clone file to take effect again.