Scanfob® CS3070 Configuration

To change the configuration settings for the Scanfob® CS3070, plug the scanner in with the supplied USB cable and access the scanner like you would a flash drive. In the \Parameters folder, you will see a "config.ini" file that contains the current configuration settings. Open this file in a text editor, such as Notepad, to edit the configuration.

The table below shows the configuration parameters of the Scanfob® CS3070, with the default settings and what each setting is used for.

Setting	Purpose	Default
BarcodeFile	Name of the batch* file containing scanned barcodes when scanner is in batch mode.	BARCODES.TXT
BarcodeDB	Bar code database filename. If the database file exists scanned bar codes are checked against its content. If the bar code exists within the database, the scanner issues a positive beep, if not a negative beep. To engage this mode, create the BarcodeDB.txt file on the CS30XX. Note that if this mode is engaged, no bar code data is saved to the scanner.	DBASE.TXT
BTPin	Default SPP PIN.	0000
BTName	Bluetooth device name used during discovery.	Scanfob-CS3070:<serialnumber>
BTProfile	Selected BT profile. Set to SPP or HID.	SPP
Mute	Mute the beeper.	Off
Prefix	Prefix character.	<none>
Suffix	Suffix character.	0x0D (CR)
Separator	Separator character.	',' (comma)
DateFormat	Date format for batch data. Enter no value to disable the date stamp.	MM/DD/YY (Enabled)
TimeFormat	Time format for batch data. Enter no value to disable the time stamp.	24h (Enabled)
Sleep	Time in seconds before the scanner enters sleep mode when no activity is detected.	120 (2 minutes)
BTSleep	Time in seconds before the scanner enters sleep mode when paired to another Bluetooth device when no activity is detected.	600 (10 minutes)
ButtonPlus	Enable/Disable the Plus button.	Enabled
ButtonMinus	Enable/Disable the Minus button.	Enabled
ButtonBT	Enable/Disable the BT button.	Enabled
LEDBlue	Enable/Disable the blue LED for normal operation and wake up.	Enabled
LEDRed	Enable/Disable the red LED for normal operation and wake up.	Enabled
LEDGreen	Enable/Disable the green LED for normal operation and wake up.	Enabled
LEDAmber	Enable/Disable the amber LED for normal	Enabled

	operation and wake up.	
WakeUpLed	Enable/Disable the wake up LEDs.	Disabled
Low Battery Indication	Length red LED will display when battery is low.	3
Disable Protect Toggle	Enable/Disable the protect option.	0 (Disabled)
Max Barcode Length	Set the maximum number of characters for a barcode.	60
CodeID	Enable/Disable saving CodeID in the scanned bar codes file.	Enabled
ScanLED	Enable/Disable the LEDs that illuminate while the laser scanner is active.	Enabled

*The Scanfob® CS3070 will work in batch mode if it is not connected to a Bluetooth device. When the scanner is connected, it will function as a real-time scanner. Put simply, the toggle for batch mode/real-time is whether the scanner is connected via Bluetooth or not.

There are numerous scan parameters available in the config file as well. These cover details such as barcode symbologies enabled, scan angle, etc. Consult the manufacturer documentation for a full list of these parameters.

LED Indications

Function	Action	LED Feedback	Other
Scan attempt	Press the (+) button	Flashing green	Laser on
Successful barcode scan		Solid green	
Battery charge status	Hold the (+) button for 15 seconds	Flashing green Flashing amber Flashing red	Full charge Less than 8 but more than 1 hour operating time Less than 1 hour operating time
Delete barcode (when in batch mode)	Press & hold (-) button	Flashing amber	Laser on
Successful barcode deletion		Solid amber	Laser off
Unsuccessful deletion		Solid red	Laser off
Clear all barcode data	Press & hold (-) button for 3 seconds past scan time	Flashing amber	Laser on
Successful clear all		Solid amber	Laser off
Charge scanner	Connect scanner to a host PC USB port	Flashing amber	Scanner connects in mass storage mode
Charge complete		Solid green	
Toggle data protection on/off	Press & hold both (+) and (-) buttons for 6 seconds	None	
Successful data protection setting		Solid amber	

Enable Bluetooth radio	Hold Bluetooth button for 5 seconds	Rapidly flashing blue LED	Bluetooth is enabled but has not paired with a host
Bluetooth radio pairing	Press Bluetooth button	Slowly flashing blue LED	
Bluetooth radio paired with host and in range		Very slowly flashing blue LED	
Bluetooth radio out of range of host		Blue LED is off	Stops transmitting beacons
Bluetooth radio returns to communication range of host	Press any button	Very slowly flashing blue LED	Re-pairs device with host
Memory low scan	Press & hold (+) button	Flashing red LED, then normal operation	
Delete/Clear All	Press & hold (-) button	Normal operation	
Memory Full Scan	Press & hold (+) button	Solid red	
Memory Full Delete/Clear All	Press & hold (-) button	Normal operation	
Data protection (enabled & on)	Scan/function/host com	Rapidly flashing red LED	
Unexpected failure	Scan/function/dock	Flashing red, green, and amber for 5 seconds	Contact support
Battery depleted	Scan/function/dock	None	

Beeper Indications

Function	Beeper Feedback	Other
Successful barcode scan	Short high tone	Laser off
Successful barcode deletion	Short medium tone	Laser off
Unsuccessful deletion	Long-short-short tones	Laser off
Successful clear all	Two long medium tones	Laser off
Successful data protection	Short-long-short tones	
Connect scanner to a host PC USB port to charge scanner	Low-high tones	
Enable Bluetooth radio	Short beep	Hold Bluetooth button for 5 seconds
Bluetooth radio pairing	Short low-high tones	
Bluetooth radio out of range of host	Short high-low tones	Stops transmitting beacons
Bluetooth radio returns to communication range of host	Short low-high tones	Re-pairs device with host
Attempt to scan when out of Bluetooth range	Four high tones	No Bluetooth transmission
Memory Full Scan	Long tones for 5 seconds or until scan button is released	