

# Terminal Commands

## Set date and time

### DT

(cr) Show date and time  
mm/dd/yyyy hh:mm:ss

## Show stored detections

### UP

(cr) Send all since last upload  
n By upload history list number  
-n For nth previous upload  
Type control-c to stop

## Show stored time records

### UT

(cr) Send all since last upload  
n By upload history list number  
-n For nth previous upload  
Type control-c to stop

## Show detection upload history list

### UH

(cr) Show detection history  
n Start with nth entry  
-n Start with nth entry from end  
n m Start with nth entry for m items  
-n m Start with nth entry from end for m items  
Type control-c to stop

## Show scans per second, charge pulse timings

### SS

(cr) Average of last few seconds  
Runs until any character typed

## Change reader settings

### CG

(cr) Show current settings  
An Number of antennas  
Cn Charge period (15 to 255 ms)  
Pn Pause to read tag (20 to 16384 ms)  
Dn ID display mode  
0=split decimal (manufacturer code plus ID)  
1=hexadecimal  
Sn Synch mode  
0=None  
1=Wireless  
2=Wired  
3=Wired/wireless  
4=Master  
5=Slave  
I Full reader EEPROM initialization

## Multiplexer scan sequence

### MX

(cr) Show current sequence  
dddd Sequence of up to 16 digits (1..4)  
0 Clears sequence, uses 1 to number of antennas

## Set minimum voltage before shutdown

### MV v d

(cr) Show current setting  
v Enter value in tenth volts (e.g. 100)  
d Difference to startup (e.g. 15)  
Reader restarts when value *d* volts above *v*

## Set maximum scan gap size

### MG a

(cr) Show current setting  
a Enter number of missing scans to ignore

## Select detection messages (see other side)

### DM

(cr) Show current setting  
I Send initial detection  
C Send consecutive detections  
F Send final detection  
E Send event messages  
A All  
0 None

## Show analog values once per second

### AD

(cr) Show supply and clock battery  
voltages, transmit and receive  
amperages (by antenna on mux)  
Runs until any character typed

## Reset datalogger and reader to factory settings

### FR

D Erase SD card, initialize database file  
R Reset reader EEPROM settings  
A All

## Interactive mode with reader serial port

### TI

Type control-Z to exit

## Enter comments into log file

### CO *text*

Enter one line of text into log file

