

Some of the AT commands do not work on the Iridium 9500 phones or modems. Below is a list of which commands work and which do not. The next version of software (or protocol) will support some of the important commands such as AT+CREG (satellite connection status) and AT+CSQ (signal strength).

Commands	RAC0620 Protocol (9500)	LAC109G Protocol (9505)
at	works	works
a/	works	works
+++	works	works
bn	works, but doesn't do anything	works, but doesn't do anything
c1	works, but doesn't do anything	works, but doesn't do anything
d	partial - but voice doesn't work	partial, but voice doesn't work
en	works	works
fn	works, but doesn't do anything	works, but doesn't do anything
h0	works	works
in	works	works
ln	works, but doesn't do anything	works, but doesn't do anything
mn	works, but doesn't do anything	works, but doesn't do anything
nn	works, but doesn't do anything	works, but doesn't do anything
o0	works	works
p	works, but doesn't do anything	works, but doesn't do anything
qn	works	works
sr	works	works
t	works, but doesn't do anything	works, but doesn't do anything
vn	works	works
wn	works	works
xn	works	works
yn	works, but doesn't do anything	works, but doesn't do anything
zn	works	works
&cn	works	works
&dn	works	works
&f0	works	works
&gn	works, but doesn't do anything	works, but doesn't do anything
&jn	works, but doesn't do anything	works, but doesn't do anything
&kn	works	works
&ln	works, but doesn't do anything	works, but doesn't do anything
&mn	works	works
&pn	works, but doesn't do anything	works, but doesn't do anything
&qn	works	works
&rn	works, but doesn't do anything	works, but doesn't do anything
&sn	works, but doesn't do anything	works, but doesn't do anything
&v	works	works
&wn	works	works
&xn	works, but doesn't do anything	works, but doesn't do anything
&y0	works	works
&zn=x	doesn't work	doesn't work
\an	works, but doesn't do anything	works, but doesn't do anything
\bn	works, but doesn't do anything	works, but doesn't do anything
\gn	works, but doesn't do anything	works, but doesn't do anything

\jn	works, but doesn't do anything	works, but doesn't do anything
\kn	works	works
\nn	works, but doesn't do anything	works, but doesn't do anything
\s	doesn't work	doesn't work
%cn	works, but doesn't do anything	works, but doesn't do anything
%en	works, but doesn't do anything	works, but doesn't do anything
%r	works	works
*p0	works	works, but needs to be capital P
+cbc	doesn't work	works
+cbst	works	works
+ceer	doesn't work	works
+cgmi	works	works
+cgmm	works	works
+cgmr	works	works
+cgsn	works	works
+chup	doesn't work	works
+clck	doesn't work	works
+cmee	works	works
+cmgd	doesn't work	works
+cmgf	doesn't work	works, but only one mode
+cmgl	doesn't work	works
+cmgr	doesn't work	works
+cmgs	doesn't work	works
+cmgw	doesn't work	works
+cmod	doesn't work	works, but only one mode
+cnmi	doesn't work	works
+cops	doesn't work	works
+cpas	works	works
+cpbf	doesn't work	works
+cpbr	doesn't work	works
+cpbs	doesn't work	works
+cpbw	doesn't work	works
+cpms	doesn't work	works
+cpwd	doesn't work	works
+cr	works	works
+crc	works	works
+creg	doesn't work	works
+csca	doesn't work	doesn't work (causes power off)
+cscb	doesn't work	works, but doesn't do anything
+cscs	doesn't work	works, but only one mode
+csms	doesn't work	works, but only one mode
+csq	doesn't work	works
+csta	works	works
+ccfc	doesn't work	doesn't work
+cimi	doesn't work	doesn't work
+clcc	doesn't work	doesn't work
+clvl	doesn't work	doesn't work
+cmer	doesn't work	doesn't work
+cmut	doesn't work	doesn't work
+cnum	doesn't work	doesn't work
+cssn	doesn't work	doesn't work

+cvhu	doesn't work	doesn't work
+ds	works, but +ds? doesn't work	works, but +ds? doesn't work
+dr	works	works
+gmi	doesn't work	works
+gmm	doesn't work	works
+gmr	doesn't work	works
+gsn	doesn't work	works
+gcap	doesn't work	works
+ipr	works	works
+wirlp	works	works, but +wirlp? doesn't
+wfrng	works	works
+wtm	works	works
+wdldm	works	works
+wdav	doesn't work	doesn't work
-msvts	doesn't work	doesn't work
-msvtr	doesn't work	doesn't work
-msvls	doesn't work	doesn't work
-msstm	doesn't work	doesn't work