The ornamental design for a wireless handheld communication device with function keys, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of the wireless handheld communication device with function keys; FIG. 2 is a different isometric view thereof; FIG. 3 is an elevated plane view of a front side thereof; FIG. 4 is an elevated plane view of a back side thereof; FIG. 5 is an elevated plane view of a left side thereof, the right side thereof being a mirror image of the left side; FIG. 6 is an elevated plan view of a top side thereof; and, FIG. 7 is an elevated plan view of a bottom side thereof. The features shown in broken lines are for illustrative purposes only and form no part of the claimed design.

1 Claim, 5 Drawing Sheets