

Customized PINPad Layout Parameters

Flag = 6, customized PINPad Layout, the parameter is a simple TLV data collection in byte array.

Every simple TLV data include: Tag in 1 byte + Len in 4 bytes (Big-endian/BE) + Data in Len bytes.

Every button location information is Image Rect (which is similar as android.graphics.Rect definition), include: Left in 2 bytes(BE) + Top in 2 bytes(BE) + Right in 2 bytes(BE) + Bottom in 2 bytes (BE). Left/Top/Right/Bottom are the pixel offset from the top-left corner of the screen as (0,0).

TAG	Length	Value
0x11	0x00000008	The Image Rect of the full background image.
0x12	Length of PNG image data	The data in PNG format of the background image. it maybe include the text display area which is defined in Tag 0x13.
0x13	0x00000008	The Image Rect of the text display area (optional). If it is defined, the PINPadGUI service will display the text and * in this area. If it is not defined, the PINPadGUI service will display the text above the PINPad layout.
0x20 - 0x29 total 10 Tags	0x00000008	The image rect of each Button 0 to 9.

0x2A	0x00000008	The Image Rect of Button Enter.
0x2B	0x00000008	The Image Rect of Button Clear.
0x2C	0x00000008	The Image Rect of Button Cancel
0x30	0x00000001	1 means beep, 0 means silent
0x31	0x00000003	The RGB color of background of text display area
0x32	0x00000003	The RGB Color of text in text display area