

Technical Bulletin

IBM 32-Key Mapping with ISS45

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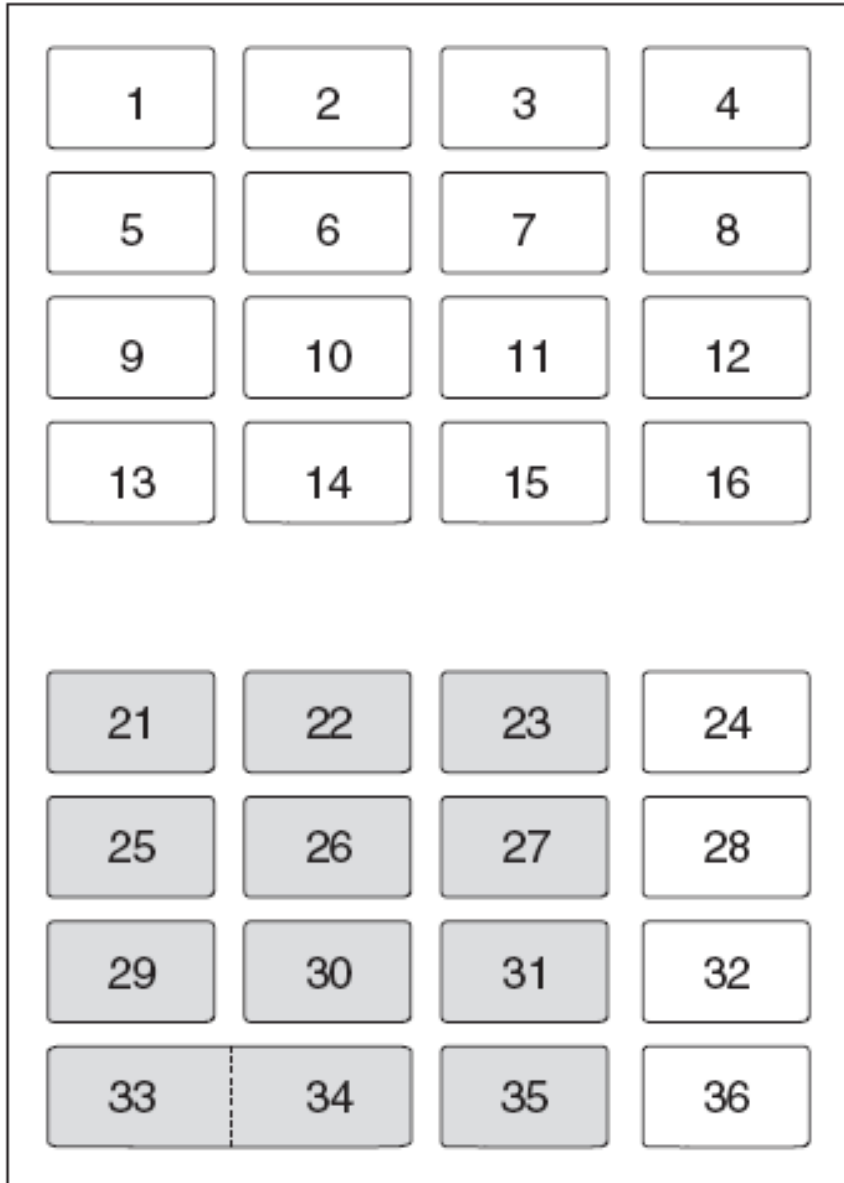
IBM now offers a new 32-key POS keyboard (IBM-6965) for attachment to the 4820-5DG IR display. This keyboard has been certified with ISS45 Version 7 and Version 8 and operates similarly to the IBM 50-key POS keyboard that was previously certified by StoreNext.

The 32-key keyboards are configured using the same OPOS device name as the previously certified 50-key keyboards. The 32-key keyboards can also use the same KBDKMAP.dat file as the 50-key devices.

On the following pages, Screenshot #1 is an illustration of the physical keyboard and Screenshot #2 is an overview of the mapping codes and keystroke locations that are necessary for programming the Keyboard Function Codes in the ISS45 applications.

Configuration note: this keyboard operates only on the 4820-5DG display, and can be used as a field upgrade. Unlike the previous 32-key keyboard used with the 4720-5G6 display, which required a different display version with additional logic, all 4820-5DG displays are equipped to accept the IBM-6965.

View of physical keyboard



Screenshot #1



Overview of Keyboard Mapping Codes and Locations

IBM 32-Key Keyboard Layout for ISS45

Mapping is defined in C:\POS\DLL\KBDKMAP.DAT

Example:

HW Scan Code	----->	1E	
Mapped Code sent to PO	----->	4B K 0051-3	<----- ASCII character of mapped code <----- Required mapping for numeric keypad keys to avoid conflict with Touch Screen

4B 51 Q	3B 52 R	6B 53 S	8B 62 b
4C 54 T	3C 55 U	6C 56 V	8C 66 f
4F 57 W	3F 58 X	6F 59 Y	8F 6A j
4E 5A Z	3E 5B [6E 5C \	8E 6E n
7C 41 A 0055 (7)	0C 42 B 0056 (8)	1C 43 C 0057 (9)	50 76 v
7F 45 E 0052 (4)	0F 46 F 0053 (5)	1F 47 G 0054 (6)	9F 6B k
7E 49 I 0049 (1)	0E 4A J 0050 (2)	1E 4B K 0051 (3)	9E 6F o
7D 4D M 0048 (0)	1D 4E N 0046 (.-Decimal)	9D 73 s	

Screenshot #2

