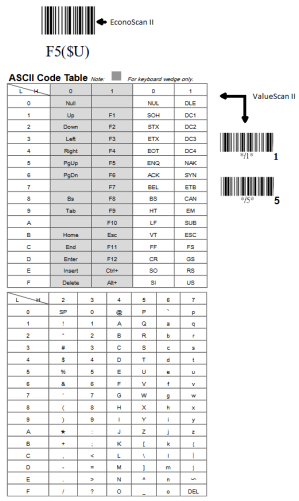
# FAQ - How to configure a barcode scanner to give a time stamp

> *I have a barcode scanner (ValueScan II, EconoScan II, etc.). How can I configure it to give the time and date?*
>
> *Our configurable barcode scanners can be set to append output strings with the sending of function keys. While in a text editor such as Notepad, pressing F5 will give the time and date. To set this to the scanner, configure this as a [pre/post] amble, or a [pre/suf]fix by appending characters 1 and 5 from the ASCII table, as so:*




| L \ HL | 0 | 1 | 0 | 1 |
|---|---|---|---|---|
| 0 | Null | | NUL | DLE |
| 1 | Up | F1 | SOH | DC1 |
| 2 | Down | F2 | STX | DC2 |
| 3 | Left | F3 | ETX | DC3 |
| 4 | Right | F4 | EOT | DC4 |
| 5 | PgUp | F5 | ENQ | NAK |
| 6 | PgDn | F6 | ACK | SYN |
| 7 | | F7 | BEL | ETB |
| 8 | Bs | F8 | BS | CAN |
| 9 | Tab | F9 | HT | EM |
| A | | F10 | LF | SUB |
| B | Home | Esc | VT | ESC |
| C | End | F11 | FF | FS |
| D | Enter | F12 | CR | GS |
| E | Insert | Ctrl+ | SO | RS |
| F | Delete | Alt+ | SI | US |

| L \ HL | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| 0 | SP | 0 | @ | P | ` | p |
| 1 | ! | 1 | A | Q | a | q |
| 2 | " | 2 | B | R | b | r |
| 3 | # | 3 | C | S | c | s |
| 4 | $ | 4 | D | T | d | t |
| 5 | % | 5 | E | U | e | u |
| 6 | & | 6 | F | V | f | v |
| 7 | ' | 7 | G | W | g | w |
| 8 | ( | 8 | H | X | h | x |
| 9 | ) | 9 | I | Y | i | y |
| A | * | : | J | Z | j | z |
| B | + | ; | K | [ | k | { |
| C | , | < | L | \ | l | \| |
| D | - | = | M | ] | m | } |
| E | . | > | N | ^ | n | ~ |
| F | / | ? | O | _ | o | DEL |

## See also:

- How to do an EMV transaction test with the MiniSmart II?