|  |  |
| --- | --- |
| GS k Q n1 n2 n3 n4 n5 n6 d1 ... dn | |
| [Function] | Print a QRCode. |
| [Format] | |  |  | | --- | --- | | ASCII  Hexadecimal  Decimal | GS k Q n1 n2 n3 n4 n5 n6 d1 ... dn  1D 6B 51 n1 n2 n3 n4 n5 n6 d1 ... dn  29 107 81 n1 n2 n3 n4 n5 n6 d1 ... dn | |
| [Range] | 0 ≤ n1 ≤ 3  0 ≤ n2 ≤ 255  0 ≤ n3 ≤ 39  0 ≤ n4 ≤ 3 |
| [Description] | |  |  | | --- | --- | | n1 | Error correction level (data restoration)  0 - Level L Approx. 7% of codewords can be restored.  1 - Level M Approx. 15% of codewords can be restored.  2 - Level Q Approx. 25% of codewords can be restored.  3 - Level H Approx. 30% of codewords can be restored. | | n2 | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | MSB 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 LSB | | Module/cell size in pixels  1 ≤ module size ≤ 127  0 – The module size is 4 for default | | | | | | | 0 – QRCode and  1 – Micro QRCode | | | n3 | Version QRCode  The symbol versions of QR Code range from Version 1 to Version 40. Each version has a different module configuration or number of modules. (The module refers to the black and white dots that make up QR Code.)  "Module configuration" refers to the number of modules contained in a symbol, commencing with Version 1 (21 × 21 modules) up to Version 40 (177 × 177 modules). Each higher version number comprises 4 additional modules per side.  Each QR Code symbol version has the maximum data capacity according to the amount of data, character type and error correction level  Version for Micro QRCode   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Value | Symbol version | Number of modules | Error correction level | Numeric | Alphanumeric | Binary | Kanji | | 0 | M1 | 11 | - | 5 | - | - | - | | 1 | M2 | 13 | L | 10 | 6 | - | - | | M | 8 | 5 | - | - | | 2 | M3 | 15 | L | 23 | 14 | 9 | 6 | | M | 18 | 11 | 7 | 4 | | 3 | M4 | 17 | L | 35 | 21 | 15 | 9 | | M | 30 | 18 | 13 | 8 | | Q | 21 | 13 | 9 | 5 | | | n4 | Encoding modes  QR Code Data capacity  0 – Numeric only Max. 7,089 characters  1 – Alphanumeric Max. 4,296 characters  2 – Binary (8 bits) Max. 2,953 bytes  3 – Kanji, full-width Kana Max. 1,817 characters  Micro QR Code Data capacity  0 – Numeric only Max. 35 characters  1 – Alphanumeric Max. 21 characters  2 – Binary (8 bits) Max. 15 bytes  3 – Kanji, full-width Kana Max. 9 characters | | n5 and n6 | indicate the number of bytes that will be coded, where  total = n5 + n6 x 256, and total must be less than 7089. | | d1…dn | is the actual sequence of bytes that will be coded. | |

Para centralizar o qr code é o comando ESC(97) + 1