

Keyence BL600



Manufacturer: Keyence Corporation
Model Number: Keyence-BL600
Web Address: www.keyence.com

Keyence BL-600 barcode scanners, measuring just 31 x 40 x 21mm, again break the record for the worlds smallest barcode readers. The unit measures just 1/2 the size of conventional models. The BL-600 offers excellent reading depth and angle characteristics. In addition, the reader includes built-in SRC circuits which greatly reduce the effects of extraneous reflected light for more reliable and stable reading.

Scanner: Commands

- ▶ **SSET()** - Enters the setting mode.
- ▶ **SAVE()** - Saves all the settings in EEP-ROM.
- ▶ **SEND()** - Quits the setting mode.
- ▶ **CODE(codeNumber, barcodeType)** - Sets the barcode type for the specified code.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
barcodeType	Integer	Barcode type. 0: CODE39, 1: ITF, 2: Industrial2-of-5, 3: Codabar, 4: UPC/EAN, 5: CODE128, 6: COOP2-of-5, 7: None Range of values: 0 to 7 .

- ▶ **MAX(codeNumber, readableDigits)** - Sets the maximum number of readable digits.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
readableDigits	Integer	Maximum number of readable digits. Range of values: 1 to 32 .

- ▶ **MIN(codeNumber, readableDigits)** - Sets the minimum number of readable digits.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
readableDigits	Integer	Minimum number of readable digits. Range of values: 1 to 32 .

- ▶ **WC00(codeNumber, enableCharacter)** - Enables start/stop character for CODE39.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
enableCharacter	Integer	0: disable start/stop character, 1: enable start/stop character. Range of values: 0 to 1 .

- ▶ **WC01(codeNumber, enableInspection)** - Enables inspection of check digit for CODE39.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
enableInspection	Integer	0: disable inspection of check digit, 1: enable inspection of

		check digit. Range of values: 0 to 1 .
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▶ **WC02(codeNumber, enableSending)** - Enables sending of check digit for CODE39.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableSending	Integer	0: disable sending of check digit, 1: enable sending of check digit. Range of values: 0 to 1 .
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▶ **WC10(codeNumber, enableInspection)** - Enables inspection of check digit for ITF.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableInspection	Integer	0: disable inspection of check digit, 1: enable inspection of check digit. Range of values: 0 to 1 .
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▶ **WC11(codeNumber, enableSending)** - Enables sending of check digit for ITF.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableSending	Integer	0: disable sending of check digit, 1: enable sending of check digit. Range of values: 0 to 1 .
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▶ **WC30(codeNumber, enableCharacter)** - Enables start/stop character for Codabar.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableCharacter	Integer	0: disable start/stop character, 1: enable start/stop character. Range of values: 0 to 1 .
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▶ **WC31(codeNumber, characterType)** - Sets start/stop character for Codabar.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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characterType	Integer	0: lower case start/stop character, 1: upper case start/stop character. Range of values: 0 to 1 .
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▶ **WC32(codeNumber, enableInspection)** - Enables inspection of check digit for Codabar.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableInspection	Integer	0: disable inspection of check digit, 1: enable inspection of check digit. Range of values: 0 to 1 .
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▶ **WC33(codeNumber, enableSending)** - Enables sending of check digit for Codabar.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableSending	Integer	0: disable sending of check digit, 1: enable sending of check digit. Range of values: 0 to 1 .
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▶ **WC34(codeNumber, enableSending)** - Sets type of check digit for Codabar.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableSending	Integer	0: modulus 16, 1: modulus 11, 2: modulus 10/wait2, 3: modulus 1-/wait3, 4: 7 check DR, 5: modulus 11-A, 6: modulus 10/wait2-A. Range of values: 0 to 6 .
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▶ **WC40(codeNumber, enableUPC)** - Enables reading of UPC-E for UPC/EAN.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
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enableUPC	Integer	0: disable reading of UPC-E, 1: enable reading of UPC-E. Range of values: 0 to 1 .
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WC41(codeNumber, enableEAN) - Enables reading of EAN 8 digits for UPC/EAN.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
enableEAN	Integer	0: disable reading of EAN 8 digits, 1: enable reading of EAN 8 digits. Range of values: 0 to 1 .

▶ **WC42(codeNumber, enableJAN)** - Enables reading of JAN 13 digits for UPC/EAN.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
enableJAN	Integer	0: disable reading of JAN 13 digits, 1: enable reading of JAN 13 digits. Range of values: 0 to 1 .

▶ **WC43(codeNumber, outputDigits)** - Sets number of UPC-A output digits for UPC/EAN.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
outputDigits	Integer	0: output in 13 digits, 1: output in 12 digits. Range of values: 0 to 1 .

▶ **WC44(codeNumber, enableAdding0)** - Enables adding "0" to UPC-A code for UPC/EAN.

codeNumber	Integer	Code number for the barcode. Range of values: 0 to 3 .
enableAdding0	Integer	0: disable adding "0" to UPC-A code, 1: enable adding "0" to UPC-A code. Range of values: 0 to 1 .

▶ **LON()** - Turns the trigger on to start read operation.

▶ **LOFF()** - Turns the trigger off to terminate read operation.

▶ **BCLR()** - Clears the data stored in the transmission buffer.

Scanner Error

🔔 **ScannerError(message)** - Error occurred during command execution.

message	String	Error message for the instrument
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