



Rackmount Barcode Reader - BCR 01

Rackmount barcode reader is used by the AVECO automation systems for detection of the tape number during loading the tape into the VTR. The tape number is written as the barcode on the sticker on top of the tape.

The barcode reader is designed to be installed to the 19" rack just above the VTR. There should be one barcode reader per VTR. The reader module built in the barcode reader can be positioned on top of the tape bay of any type of VTR. The barcode scan is fast enough for safe barcode detection during normal tape loading process.



The scan starts when the sensor detects the existence of the barcode within the scanning range. If the barcode remains in the scanning range for longer than four seconds the scan beam switches off and next scan starts when the barcode appears in the scanning range again. This prevents from double scans.

The reader is software configurable for various types, sizes and lengths of the barcode and for various communication protocols. The default setup is for the UPC and EAN codes.

The serial line RS232 is used to transfer the data to the automation server.

Correct scan is signalized by the LED on the front panel and by the built-in buzzer. The buzzer can be also invoked remotely by the command from the automation server.

The power adapter is included.

Technical specification:

Depth of scan field:	12,7 mm - 203,2 mm for 0,33 mm barcode
Scan speed:	52 lines per second
Scan pattern:	single scan line
Width of scan field:	115 mm in 125 mm distance from the reader
	22 mm in 25 mm distance from the reader
Focus:	0,21mm +/-10% in 75mm distance from the reader
Input Voltage:	7-9V
Operating Current:	150 mA
Standby Current:	90 mA

