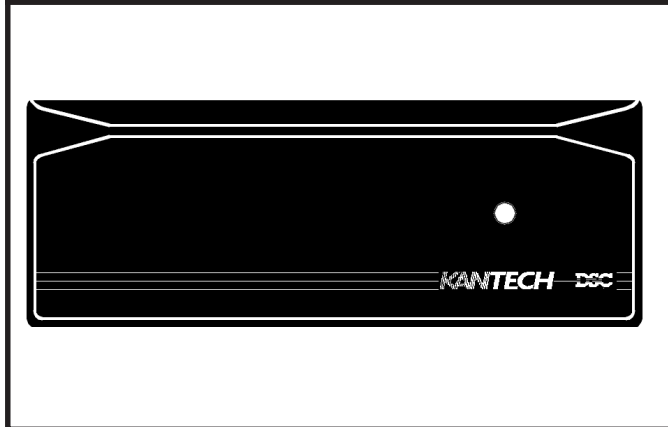


# BC-301

**BAR CODE  
READER**

## The BC-301 Reader



The **BC-301** bar code reader is fully weatherproof, and its tough shell is made of carbon filled polycarbonate for extra durability. The **BC-301** reads the most common bar code formats, including Code 39, Interleaved 2 of 5, UPC/EAN, Codabar.

## Technical Specifications

<b>External dimensions.....</b>	12.8 x 4.32 x 3.9cm (5.05"H x 1.70"W x 1.54"T)
<b>Weight.....</b>	0.170 kg (0.375 lbs)
<b>Housing material.....</b>	Carbon filled polycarbonate
<b>Finish.....</b>	Natural (Black)
<b>Color.....</b>	Black
<b>Operating temperature..</b>	-30°C to 70°C (-22°F to 150°F)
<b>Operating environment..</b>	Indoor and outdoor
<b>Operating voltage.....</b>	5VDC
<b>Power consumption.....</b>	40mA
<b>Cable type.....</b>	8 conductors plus drain, 24 AWG
<b>Cable length.....</b>	1.83 meters (6 feet)
<b>Certification.....</b>	FCC, CE
<b><u>BARCODE</u></b>	
<b>Maximum resolution.....</b>	5 mils (0.005")
<b>Wavelength.....</b>	950 nm
<b>Scanning speed.....</b>	3 to 30 in/sec. with 7 mil bar code
<b>Bar code center line.....</b>	1.14cm (0.450") standard
<b>Bar code symbologies.....</b>	Code 39, Interleaved 2 of 5, Codabar, UPC-A, UPC-B, BAN, Code 11, Code 93, Code 128, MSI
<b>Bar code decoding.....</b>	Bi-directional, auto discriminating
<b>Output.....</b>	ABA track II emulation

## Wiring Diagram

### ABA Track II Mode

