

# BC-7190

## Barcode Scanning at Glance

The BC-7190 scanner incorporates breakthrough hybrid technology that combines omnidirectional laser scanning and integrated area-imaging to provide a barcode reading platform optimized for highly efficient checkouts. Like other BC scanners, it delivers superior pass-through scanning of merchandise linear barcodes, while simultaneously helping retailers address the growing need for digital barcodes reading – without requiring an additional scanner.

Like other BC scanners – the best-selling hands-free scanners of all time – the BC-7190 scanner is an innovative, elegant and affordable solution for convenience retail applications where counter space is at a premium. The award-winning shape enables handheld scanning of large, bulky items. For added flexibility, the scanning head can be tilted within a 30° range to accommodate objects of various sizes and shapes.

The BC-7190 scanner seamlessly works for both merchandise scanning by the cashier, and digital barcodes scanning off smartphones by customers. With the dual-modes design, the scanner is automatically optimized for both applications while eliminating the customer annoyance of a laser and LED illumination.

The BC-7190 is a plug-and-play scanner, and installing it into existing checkout systems is easy. Multiple on-board interfaces make the BC-7190 scanner compatible with most POS systems, and automatic interface detection enables the scanner to configure itself to the appropriate interface upon connection – eliminating the cumbersome task of scanning programming barcodes. The BC-7190 scanner also simplifies integration by drawing power directly through USB, eliminating the need for an additional power supply and cabling.



The BC-7190 scanner is designed for highly efficient retail checkouts, with a unique dual-modes design that enables seamless scanning of both merchandise barcodes and digital barcodes off customer smartphones.

## FEATURES & BENEFITS



The BC-7190 scanner decodes both 1D and QR from a single **presentation scanner** – no need to buy a separate 2D/QR scanner for digital Barcode reading, while maintaining superior merchandise barcode scanning.



With dual-working modes, the scanner is optimized for both scanning digital codes off customer smartphones and scanning merchandise codes by the cashier at the register.



A area imaging pattern maintains the proven 1D scanning performance of existing BC scanners. With leading Black Copper imaging technology, the scanner reads smartphone coupons and ID cards with ease.




The award-winning shape enables handheld scanning of large, bulky items. The adjustable scan head even allows cashiers to tilt the scanner 30° for targeted scanning of larger products.



Automatic interface detection enables the scanner to configure itself to the appropriate interface upon **connection** – eliminating the tedious task of scanning programming barcodes.

## Payment, Cheque, Instrument Scanning

Specially Design For  
2D/QR Cheque, Payorder and  
Utility Bill Scanning

<b>NPA Bank Limited</b>		<b>Date: DD/MM/YYYY</b>	
<b>XYZ nagar</b>		<b>Valid for 3 months only</b>	
Pay _____	or Bearer		
Rupees _____			
A/C No. XXXXXXXXXX			Mr. XXXXXXZZ
MULTY-QTY CHEQUE Payable at Par at All Branches of NBL			Please sign above
"1200X7" 40000000B : 60000B 6X			

## QR Screen Scanning

Scans barcode QR or 1D from Mobile  
screen for Digital Mobile Payment and  
Loyalty/Rewards Program etc.



## BC-7190 Technical Specifications

Performance Parameters	Scanning Mode	Area Image	
	Scanning Speed	1800 Times/Second±2%	
	Symbol Contrast	30% minimum reflection difference	
	Error Code Rate	1/500 Million	
	Scanning Angle	Horizontal:72°, Vertical:82°	
	Decode Capacity	2D/QR CODE EAN-8, EAN-13, EAN-13 2 add-on, EAN-13 5 add-on, ISSN, ISBN, UPC-A, UPC-E, Code 39, Code 39 Full ASCII, code93, Code 128, EAN128, Codabar,	
	System Compatibility	Linux, Android, Windows XP, Windows VISTA, Windows 7, Windows 8, Windows 10, Windows Server 2003, Windows Server 2008, Windows Server 2010, Mac	
	Depth of Filed	EAN13 5mil	1CM-9CM
		EAN13 8mil	1CM-13CM
		EAN13 11mil	1CM-27CM
		EAN13 14mil	1CM-29CM
		EAN13 28mil	2CM-32CM
	Light Source	Wavelength:650nm±3nm red laser	
Environment Parameters	Duration	Design to withstand 1.8M drops to concrete	
	Environment Sealing	IP54	
	Working/Conserve Temperature	0-40℃/-40-60℃	
	Working/Conserve Humidity	5-95% Non-condensation	
	Environment Light Levels	4860LUX±12 LUX	
Physical Parameters	Net Weight	400g	
	Gross Weight	770g	
	Length of Cable	2M±0.05M	
	Host Size (L*W*H)	115mm*110mm*152mm	
	Packing Size (L*W*H)	132mm*165mm*245mm	
	Interface	Keyboar,USB,RS232(Drive Free)	
	Prompting	Red light indicates current; Blue light indicates successful decode. (supports custom sound notifications)	
Electrical Parameters	Voltage	+5VDC±0.25V	
	Working Current	189MA	
	Stand by current	165MA	



For more information  
[www.blackcopper.net](http://www.blackcopper.net)

