

CR3-2D Portable Data Terminal



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TECHNICAL SPECIFICATIONS:

Decode Capability	Data Matrix , MaxiCode, PDF417 (including Macro support), QR Code, MicroPDF417, GoCode, RSS Composite, Code 11, Aztec Code, Micro QR Code, Code 39, Code 128, Pharmacode, Datamatrix UPC, EAN, JAN, Interleaved 2 of 5, Codabar, Codablock F, Code 93, Posnet, Planet, Japanese Post, Australian Post, Royal Mail, KIX,MSI Plessey, Trioptic, NEC 2 of 5, Matrix 2 of 5, Telepen
Display	128 x 128 Monochrome Backlit Graphical Display
Memory	4MB of memory for data and user programs.
Interfaces	Cabled: PS2, RS 232, USB Wireless: Bluetooth Modem (PS2 / RS 232)
Real Time Clock	7 year On-Board Battery Backup
Image Output Options	Formats: JPEG,Raw (Uncompressed)
Field of View	Near: 21.5° horizontal by 16.2 ° vertical Far: 22.9 ° horizontal by 11.6 ° vertical
Focal Point	Near: approximately 4" Far: approximately 9"
Sensor	Progressive Scan CMOS 1.33 MP (1024x1280)256 level gray scale
Optical Resolution	Near Field: 1024 x 640; Far Field: 1024 x 640
Pitch	± 60 ° (from front to back)
Skew	± 60° from plane parallel to symbol (side-to-side)

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Achieving Horizons

Rotational Tolerance	± 180°
Print Contrast Res.:	25%(1-D symbologies)or 35%(PDF417)absolute dark / light reflectance differential measured at 650 nm
Target Beam	Class IIa Visible Laser Diode at 630nm
Ambient Light Immunity	Sunlight: Up to 9,000 ft-candles/96,890 lux
Shock	Withstands multiple drops of 4 feet to concrete
Power Requirements	Reader @4.2Vdc -Peak (w/backlight)=400mA; Continuous Scan (w/backlight)=350mA; Idle (no backlight)=150mA; Sleep =12mA; Power Off =0.5uA Bluetooth Radio @10m away at 4.2V Continuous Scan (w/backlight)=400mA; Peak (w/backlight)=525mA; Idle (no backlight)=250mA
Field Selection	Near or Far
Resolution Selection	1024 x 640 (Multiple Window Options)
Grayscale	256 Level
Data Editing	CodeXML ® Ready
Handle Weight	60 gm
Battery Weight	60 gm
Reader Weight w/Battery	112 gm
Handle Dimensions	4.8" H x 3.8" L x 1.9" W
Reader Dimensions	1.6" H x 4.4" L x 1.8" W
Operating Temperature	0 ° to 40 ° C/32 ° to 104 ° F
Storage Temperature	-20 ° to 60 ° C/-4 ° to 140 ° F
Humidity	5%to 95%non condensing