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Tipcode 4800 Area Imaging Scanner

segments of the 2D market. With competitive pricing, outstanding performance, ergonomic design, and optimum functionality, it meets the demands of a wide variety of applications. If you are looking for a cost effective but high performance area imaging scanner, the YJ 4600 is your product of choice.

2D barcodes are used in many industrial applications and are becoming increasingly popular. QR Codes on high-speed train tickets, PDF 417 barcodes on airline boarding pass, as well as the growing popularity of mobile coupons, have all greatly contributed to the increasing prevalence of 2D barcodes.

Although many enterprises have realized just how important 2D imaging technology has become, the cost of most 2D scanners remains high. Many users find themselves caught between limited budgets and a need of upgrading their scanner technology to a 2D platform in the near future. Additionally, savvy purchasers are looking for a cost-effective scanning solution that can read images both on traditional paper and on other media, such as mobile screens.

who wish to upgrade their equipment. Not only does it accurately and quickly read both 1D and 2D barcodes, it also quickly captures barcodes on electronic screens (such as mobile phone) and provides an effective data acquisition tool for e-coupons and e-tickets. With advanced imaging and decode technology, the YJ4600 has a superior first-pass read rate on poorly printed and low quality codes. The product is an ideal choice for a wide variety of applications, including aviation and railway transportation, banking and securities, e-tickets, and many more.



Features

Cost-effective: competitive pricing, outstanding performance

Compact, lightweight, user-friendly design: fast and accurate scanning, elegant and ergonomic design allows for a natural and comfortable grip Versatile scanning modes: supports both handheld and presentation scanning mode with automatic object detection and scanning Advanced decoding software: cutting-edge decoding technology, able to scan both 1D and 2D barcodes fast and accurately Reliable data capture ability: supports all standard 1D and mainstream 2D symbology, as well as those on electronic screesn (such as mobile phones)

Future-proof investment: protects your future investment with 2D capability at an affordable price meeting both current and future barcode scanning needs

Tipcode 4800

Mechanical

Dimensions (length x width x height): 170mm x 66mm x 85mm Weight: 120g

Electrical

Input Voltage: 4 ~ 5.5 V DC Operating Power: 2W; 400 mA @ 5V - typical Standby Power: 0.45w, 90mA@ 5V - typical DC Power: Class2; 5.2VDC@1° EMC: EN55022, EN55024 class B LED Safety Certification: IEC62471 CB: IEC60950 Comprehensive Certification: GOST-R (Russia), CE

Environmental

Operating Temperature: 0°C - 40°C Storage Temperature: -40°C - 60°C Humidity: 5% - 95% relative humidity, non-condensing Light Levels: 0 - 100,000LUX Drop: designed to withstand falls from a height of up to 1.0m Environmental Sealing: Sealed to resist airborne particulate contaminants IP Level: IP40

Motion Tolerance: 100mm per second, 13 mil UPC

Typical Performance*	
Narrow Width	Depth of Field
5 mil Code39	33 - 95 mm (1.3 - 3.7 in.)
13 mil UPC-A	32 - 255 mm (1.3 - 10.0 in.)
20 mil Code 39	35 - 355 mm (1.4 - 14.0 in.)
6.7 mil PDF417	30 - 95 mm (1.2 - 3.7 in.)
10mil Data Matrix	30 - 100 mm (1.2 - 3.9 in.)
15mil Data Matrix	21 -162 mm (0.8 -6.4 in.)
20mil QR	23 -200 mm (0.9 -7.9 in.)
Resolution: 5 mil (0.127 mm)	
*Performance may be impacted by bar code quality and environmental conditions	

Performance

Light Source: white LED Sight: Red LED, 617nm Visual Indicators: Green = decoding successful; Red = decoding failed System Interface: KBW, USB Scan Pattern: Image Scan Angle: Pitch ± 70 °, Tilt ± 60 °, Rotation ± 180 ° Print Contrast: Minimum 35% contrast Decoding: Interpretation of standard one-dimensional and two-dimensional barcodes





