



S6600 DIGITAL SCANNERS

Capture Data and Images with One Multi-Use Scanning Device

The S6600 Series from ADES provides unmatched performance in the digital scanning of two-dimensional (2D) and one-dimensional (1D) bar codes. Built to read bar codes omni-directionally for e-ticketing applications, the S6600 Series improves productivity for all data capture activities across your enterprise.

For capturing images and bar codes, the S6608 is ideal. But if image capture and transfer capability is what you need, the S6607 is perfect for today's applications, such as digital document storage and processing, as well as for image capture applications of the future.

These digital scanners offer true flexibility. With the optional Intellistand, you can automatically switch between hands-free and hand-held scanning without having to scan a programming bar code, saving time and improving efficiency.

Increase Productivity by Reducing Scanning and Decoding Times

The omni-directional scanning capabilities of the S6600 Series make the tasks of scanning and decoding simple—just point and shoot. No matter how a bar code is oriented, the S6600 Series delivers a quick, accurate read. The intuitive, laser-generated aiming pattern indicates the full scanning field for additional scanning and decoding ease, leading to improved productivity. With a wide working range, the S6600 Series improves throughput in the most challenging data capture environments. More items get scanned with less time spent preparing to scan or rescanning after errors.

Experience Laser-Like Scanning with the Benefits of Digital

As the supply chain expands, so does the need for tracking more information about each item. By accurately reading 2D and 1D symbologies and capturing images, the S6600 Series helps you manage mixed-use reading requirements without any add-on devices. Its laser-like read rates and unmatched quality let you capture bar codes quickly, improving overall productivity.

Feature	Benefit
Unmatched decoding performance on 1 D and 2D symbologies	Increases productivity by reducing the time it takes to scan/decode
Omni-directional scanning	Increases throughput by eliminating the need to orient bar codes to the scanner
Integrated bar code and image capture	Accurately scans all items with one device
Wide working range	Performs equally well from a distance
Laser-generated aiming pattern	Enables quick and accurate data capture
Optional Intellistand	or close-up Allows instant switching between handheld and hands-free scanning
Sub-second image transfer	Delivers faster capture and transfer of images than competitive products
CCD digital scanning technology	Results in laser-like performance in a digital scanner

Cost-Effective Digital Scanner Meets Needs of Today and Tomorrow

As scanning requirements continue to change, the S6600 is built to support those changes. It connects to a range of hosts with a single device, letting you use your current system while allowing for migration in the future—and that protects your investment.

S6600 Specification Highlights

No matter what level of service you choose, you can rely on ADES for:

- A team with industry experience suited to your business needs
- Certified and approved parts
- Certified services aimed at providing you with maximum uptime

For more information about the S6600 Series, please contact us at +41 44 835 20 60 or visit us on the

Web at www.ades.ch



Physical Characteristics

Dimensions	6.55 in. H x 2.82 in. W x 4.72 in. D 16.64 cm H x 7.16 cm W x 11.99 cm D
Weight (without cable)	6.04 oz./181.4 gm
Input Voltage	5 volts +/- 10%
Operating Current	250mA (average)
Power Sources	Depending on host: • Host power • External power supply
Color	Cash Register White or Twilight Black

Performance Characteristics

Light Source	650 nm visible laser diode
Resolution	640 x 480
Minimum Element Width	5 mil/0.127 mm
From	1 in./2.5 cm to 14 in./35 cm on 100% UPC/EAN symbols
Print Contrast	25% minimum reflective difference
Roll (Tilt) ¹	1 +/- 180 degrees from normal
Pitch ²	2 +/- 60 degrees from normal
Skew (Yaw) ³	3 +/- 50 degrees from normal

Decoding Capability

1D Codes	UPC/EAN, UPC/EAN with Supplementals, UCC/EAN 128, JAN 8 & 13, Code 39, Code 39 Full ASCII, Code 39 Trioptic, Code 128, Code 128 Full ASCII, Codabar (NW7), Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, Code 32, Bookland EAN, IATA, UCC/EAN RSS and RSS variants
2D Codes	PDF417, microPDF417, MaxiCode, Data Matrix (ECC 2000), Composite Codes, QR Code
Postal Codes	U.S. Postnet, U.S. Planet, U.K. Postal, Japan Postal, Australian Postal, Dutch Postal
Interfaces Supported	RS232, Keyboard Wedge, Wand Emulation, Scanner Emulation, IBM 468X/469X, USB and Synapse

User Environment

Operating Temperature	32° to 122°F/0° to 50°C
Storage Temperature	-40° to 158°F/-40° to 70°C
Humidity	5% to 95% relative humidity, noncondensing
Drop Specifications	Multiple 6-foot (1.8 m) drops to concrete
Ambient Light Immunity	Immune to direct exposure to normal office and factory lighting conditions, as well as direct exposure to sunlight
Sunlight	10,000 ft. candles/107,644 LUX
Electrostatic Discharge	Conforms to 15 kV air discharge and 8 kV of contact discharge

Accessories

Hands-free Intellistand, Cash Register White; Twilight Black

Regulatory Information

Electrical Safety	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
Laser Safety	CDRH Class II, IEC Class 2
EMI/RFI	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA

¹ Roll (Tilt): Controlled by rotating the wrist clockwise or counterclockwise

² Pitch: Controlled by dropping or raising the wrist

³ Skew (Yaw): Controlled by rotating the wrist from left to right or vice versa

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