

GENICOM 6451 and 6451V

Highly-reliable, rugged, industrial thermal bar code label printers.

Wide format up to 5 inches.

High resolution at over 300 dots per inch.

6451V has built-in **bar code verifier** to ensure high quality bar code production.

Automatic print head adjustment.

Self-adjusting edge-type print head for varying media thickness.

Automatic ribbon saver.

Popular industrial bar codes plus PDF417 or optional DATAMATRIX.

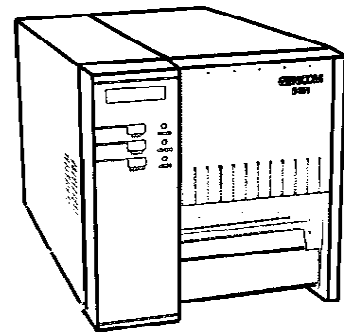
Print speeds up to 8 inches

Typical Applications:

- Critical jobs requiring high accuracy
- Labels, tags, or tickets of various thickness
- Batch or on-demand operations
- Rugged enough for harsh industrial environments
- Fully integrated verification . . . not a "hang-on" unit!

We're more than a printer company.
When customers come to us with printing requirements, we give them *real* solutions. GENICOM offers a wide range of products, accessories, and supplies that are backed by application expertise, customized service, quality technical support, and a worldwide reputation for rock-solid reliability.

The story of GENICOM bar code labels.

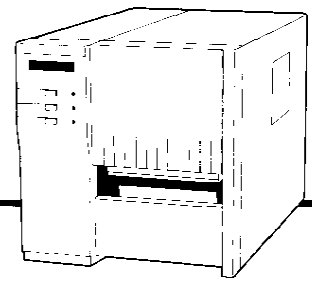


Very readable!

At GENICOM, we won't sell you just features. If quality and performance are important to you, make us your choice for document solutions.

The **GENICOM**
Advantage

GENICOM 6451 and 6451V



Optional Built-in Bar Code Verifier

If you choose the GENICOM 6451V, with the factory-installed bar code verifier, you'll get 100% inspection of each label printed.

If a bar code is out of spec, the flawed labels are automatically identified and reprinted.

This automatic inspection saves you the cost of reprinting labels, missed delivery dates, manufacturing line shutdowns, fines, and even lost customers and revenues.

Features

- Unique, edge-type, thin-film print head
- Straight-through media path
- Self-adjusting print head pressure for varying label thickness
- Thermal transfer and direct thermal printing
- Label peeler module standard
- Internal rewind standard
- Automatic ribbon saver standard
- Batch or on-demand printing operation
- Serial and parallel ports
- External I/O interface (for application control and verifier on the 6451V)

Options

- 3 MB RAM for extended label length
- 256 KB flash memory card for format storage
- Cutter module
- Create-A-Label 3 label generation package
- Fanfold paper guide
- RJS programming language
- DATAMATRIX bar codes

PRINTING

Type: Direct thermal and thermal transfer
Selectable constant print speed:
3" (76.2 mm), 5" (127 mm), or
8" (203 mm) per second
Resolution: 304.8 dots/inch (12 dots/mm)
Maximum Print Width: 5" (127 mm)
Dispensing Modes: Batch, strip, and cut

MEDIA

Style: Roll-feed, die-cut, continuous or fanfold labels, tags, or tickets
Type: Plain paper thermal transfer or thermal sensitive papers
Maximum Media Width: 5.5" (140 mm)
Minimum Media Width: 2" (50.8 mm)
Maximum Label Length: 11.7" (298 mm), optional: 39.2" (997 mm)
Minimum Label Length: 0.39" (10 mm), with peeler 1" (25.4 mm)
Thickness: Tag - 0.0114" (290 µm); label - 0.0067" (170 µm)
Roll Size: O.D. - 7.87" (200 mm); I.D. - 3.0" (76.2 mm), inside or outside wound

FONTS

Expandable font, rotation in 4 directions
OCR-A and OCR-B
Fixed fonts expandable horizontally and vertically up to 10 x rotatable in 4 directions
BitStream[®] Swiss Bold scalable smooth font rotatable in 4 directions
Expandable and scalable fonts support many international character sets and code pages

BAR CODES

Code 39, Code 93, Code 128 UCC, Code 128 (A-B-C), Codabar, Interleaved 2 of 5, UPC/EAN including 2 and 5 digit addendums, EAN-128, and PDF417 or optional DATAMATRIX
Automatic check digit calculation(s) where applicable
Bar codes can be printed in 4 directions: 0°, 90°, 180°, and 270°

RIBBONS

Widths: 2.6" (68 mm) to 5.2" (134 mm)
Length: 1968 ft (600 m)
Polyester-backed, coated side out, no trailers

INTERFACE

Serial Port: RS-232C, DC-25 female connector
Transmission Speeds: 2400, 4800, 9600, 19,200 BPS
Parity: odd, even, or none
Data Length: 7- or 8-bits
Protocol: Xon/Xoff, ready/busy
Parallel Port: CENTRONICS[®]-compatible, 36-pin Amphenol 57 series connector

OPERATOR CONTROL

Feed, restart, and pause
Power and online indications
Printer configuration set through LCD display

PHYSICAL

Size (HxWxD): 12.13 x 11.46 x 18.4 inches (308 x 291 x 460 mm)
Weight: 44 lbs (20 kg)

POWER REQUIREMENTS

120 VAC ±15% single phase 60 Hz
220/240 VAC ±15% single phase 50 Hz
Power consumption 200w maximum

ENVIRONMENTAL FEATURES

Operating Temperature: 41° to 104° F (5° to 40° C)
Storage Temperature: -40° to 140° F (-40° to 60° C)
Humidity: 25 to 85% noncondensing
Storage Humidity: 10 to 90% RH
Ventilation: Free air
Dust: nonconducting, noncorrosive

COMPLIANCE

Emission standards: FCC Class A, VDE
Safety standards: UL, CSA, TUV

WARRANTY

Printer: 1 year return to depot
Print Head: 90 days or 2 million inches, whichever comes first

Specifications subject to change without notice.

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Expert technical support services available from your authorized GENICOM reseller or GENICOM Corporation.

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