

# OmniLink® TM-H6000V

Multifunction Printer

POS



## Powerful multifunction thermal receipt printer for retail and finance.

**Connect to multiple devices** — printer can be dynamically shared by legacy POS terminals, tablets and mobile devices, as well as cloud servers

**Triple-interface connectivity to future-proof growing businesses** — maximum flexibility with three options, including built-in USB and Ethernet

**Less downtime** — remote monitoring of the printer's status and part life expectancy<sup>1</sup>

**Fewer service calls** — intuitive control panel with visual error notifications

**Designed for the cloud** — supports printing from Web-based applications utilizing Epson's ePOS™ print technology; plus, utilize Server Direct Printing for online ordering support

**Distributed proximity-based printing** — through Epson's Beacon support using BLE (Bluetooth® Low Energy)<sup>2</sup>; and, through NFC (Near Field Communication) technology for easy pairing with mobile devices<sup>3</sup>

**Advanced paper-saving functions for thermal receipts** — top-margin and character height reduction features help reduce paper usage by up to 47 percent<sup>4</sup>

**Reliability** — printhead reliability of 200 km and extended auto cutter life of 3 million cuts<sup>5</sup>

**Fast transaction times** — print speeds up to 350 mm/sec<sup>6</sup>, plus a high-speed auto cutter

**Fast check processing** — high MICR reader accuracy

**Printer**

**Printing Method**

Receipt: Thermal line printing  
Slip, Endorsement: 9-pin serial impact dot matrix

**Print Speed**

Receipt: Up to 350 mm/sec<sup>6</sup>  
Slip: Up to 5.7 ips (40 columns, 17.8 cpi)  
Endorsement: Up to 4.0 ips

**Print Fonts**

Receipt: 9 x 17/10 x 20/12 x 24  
Slip: 5 x 9/7 x 9  
Endorsement: 5 x 7

**Column Capacity**

Receipt: 56/51/42 columns  
Slip: 60/45 columns  
Endorsement: 25/33/40 columns

**Character Size**

Receipt: 0.99 x 2.4 mm (W x H)/1.27 x 2.82 mm (W x H)  
/1.41 x 3.39 mm (W x H)  
Slip: 1.56 x 3.1 mm (W x H)/1.24 x 3.1 mm (W x H)  
Endorsement: 1.1 x 2.41 mm (W x H)

**Character Per Inch**

Slip: 13.3 cpi/17.8 cpi  
Endorsement: 21.2 cpi

**Character Set**

95 Alphanumeric, 37 International, 128 x 11 Graphic (Receipt), 128 x 12 Graphic (Slip and Endorsement)

**Barcode**

**Receipt and Slip**

UPC-A, UPC-E, JAN 8 (EAN 8), JAN 13 (EAN 13), CODE 39, ITF, CODABAR, CODE 93, CODE 128, GS1-128, GS1 DataBar Two-dimensional symbol (Receipt): PDF417, QR CODE, MaxiCode, Composite Symbology, Datamatrix, Aztec

**Media Handling**

**Thickness**

Receipt: 53 – 75 µm  
Slip/Endorsement: 0.09 – 0.22 mm

**Media Dimensions**

Receipt: 79.5 ± 0.5 x diameter 83.0 mm [3.13 ± 0.02 x diameter 3.27"], 57.5 ± 0.5 mm (W) x dia. 83.0 mm [2.26 ± 0.02 x diameter 3.27"]  
Slip: Wide 68 – 230 mm [2.7" – 9"], Length 68 – 297 mm [2.7" – 11.7"]

**Copy Capacity**

Slip: One original and 3 copies  
Endorsement: One original and 2 copies

**Ribbon Life**

Slip: 4,000,000 characters  
Endorsement: 3,000,000 characters

**Inked Ribbon**

Slip: ERC-32B (black)  
Endorsement: ERC-43B (black)

**Connectivity**

**Standard Connectivity**

Built-in USB, Built-in Ethernet (10/100Base-T/TX) + UIB  
Connect-It™ Interfaces: Serial, Parallel, Powered USB, Bluetooth (dedicated model)

**Wireless (USB wireless dongle)**

OT-WL05 (802.11 a/b/g/n) or OT-WL02 (802.11 b/g/n)

**Beacon (using Bluetooth Low Energy)**

Beacon USB dongle<sup>2</sup> (Epson-approved: Laird model BT820)

**Printer Discovery**

NFC (Near Field Communication)<sup>3</sup>, Simple AP (wireless network)

**Communication Protocols** ESC/POS<sup>®</sup>, ePOS-Print Service (Ethernet/Wireless), Server Direct Print (Ethernet/Wireless)

**Printing from a Mobile Device**

**Wireless (802.11)** iOS, Android™ and Windows<sup>®</sup> operating systems

**Bluetooth** iOS<sup>®</sup>, Android and Windows

**General**

**Operating Systems** Microsoft<sup>®</sup> Windows 10, 8.1, 8.0, 7, Windows XP, Windows Vista<sup>®</sup>, Windows Server<sup>®</sup> 2012/2012 R2, 2008/2008 R2; WEPOS; POSReady; Red Hat<sup>®</sup> Enterprise Linux, OPEN SUSE<sup>®</sup>, CentOS<sup>®</sup>, Ubuntu<sup>®</sup>

**Dimensions (W x D x H)**

7.32" x 10.95" x 7.13"  
(186 x 278 x 181 mm)

**Weight** Approx. 9.7 lb (4.4 kg)

**Case Color** Black (EBCK), White (ENN8.5)

**Safety Approvals**

Device: WEEE, RoHS compliant  
EMC standards: FCC/ICES-003 class A  
Safety standards: UL 60950-1/CSA C22.2 No. 60950-1  
Radio standards: FCC/IC, CE Marking, RE Directive

**Ordering Information\*\***

Model	Interfaces	Color	Part Number
OmniLink TM-H6000V	Serial	EBCK	C31CG62032
OmniLink TM-H6000V	Serial	ENN8.5	C31CG62031
OmniLink TM-H6000V	Serial	EBCK	C31CG62054
OmniLink TM-H6000V	Parallel	EBCK	C31CG62A9871
OmniLink TM-H6000V	Powered USB	EBCK	C31CG62036
OmniLink TM-H6000V	Powered USB	ENN8.5	C31CG62A9811
OmniLink TM-H6000V	Bluetooth	EBCK	C31CG62038
OmniLink TM-H6000V	Serial/OT-WL05 (wireless USB Dongle)	EBCK	C31CG62A9851
OmniLink TM-H6000V	Serial/BT-820 (Beacon USB Dongle)	EBCK	C31CG62A9831

**Accessories**

Wireless USB dongle	OT-WL02, OT-WL05
Beacon USB dongle	BT820 (Laird)
58 mm paper guide	PG-58II
Power supply	PS-180
DM-D pole (for displays)	DP-502
Filler Plate	TA-6000II

\*\*All models have built-in USB and Ethernet interfaces with mPOS-friendly settings as the default.

EBCK: Epson Black; ENN8.5: Epson White. Please contact your Epson representative for additional connectivity options.

1 Requires customization with third-party applications. | 2 Requires the use of a beacon dongle connected to TM-H6000V printer via the USB-A port. Supports only Apple<sup>®</sup> iBeacon™ compliant format. The Epson-approved dongle is Laird model BT820. | 3 NFC tag requires use of a device that includes an NFC reader, and may require additional software. | 4 Paper savings depend on the text and graphics printed on the receipt. | 5 Rated printhead and cutter lives based on use of the following media only, with printer operated at room temperature and normal humidity: Model KT55FA: Papierfabrik August Koehler SE, Model PD160R: Oji Imaging Media Co., Ltd., Model TF50KS-Y: NIPPON Paper Industries Co., Ltd. | 6 Speed based on using 80 mm wide media only and Epson's PS-180 power supply. Configurations not including the PS-180 will have a default print speed of 300 mm/sec. | 7 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 8 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)



**Epson America, Inc.**  
3840 Kilroy Airport Way, Long Beach, CA 90806

**Epson Canada Limited**  
185 Renfrew Drive, Markham, Ontario L3R 6G3

**www.epson.com**  
**www.epson.ca**

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**Contact:**

