EPSON®

OmniLink® TM-H6000V

Multifunction Printer

POS

Powerful multifunction POS printer for retail and financial services.

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[1]

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)[2]; and, through NFC (Near Field Communication) technology for easy pairing with mobile devices[3]

Advanced paper-saving functions for thermal receipts — top-margin and character height reduction features help reduce paper usage by up to 47 percent[4]

Reliability — printhead reliability of 200 km and extended auto cutter life of 3 million cuts[5]

Fast transaction times — print speeds up to 350 mm/sec[6], plus a high-speed auto cutter

Fast check processing — high MICR reader accuracy of 99.9 percent

Printer

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

Print Speed
Receipt: Up to 350 mm/sec[6]
Slip: Up to 5.7 lps (40 columns, 17.8 cpi)
Endorsement: Up to 4.0 lps

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[2] (Epson-approved: Laird model BT820)

Printer Discovery
NFC (Near Field Communication)[3], Simple AP (wireless network)

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

Printing from a Mobile Device

Wireless (802.11) iOS, Android™ and Windows® operating systems
Bluetooth iOS®, Android and Windows

General

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

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

Reliability

Receipt
MTBF: 360,000 hours
MCBF: 96,000,000 lines

Slip/Endorsement
MTBF: 180,000 hours
MCBF: 29,000,000 lines

Thermal Head Life[5]
200 km

Auto Cutter Life[5]
3,000,000 cuts

Data Buffer 45 bytes or 4KB

D.K.D. 2 drivers

Power Source 24 VDC ± 7%

Power Supply PS-180 (option)

Software

ePOS-Print (XML over HTTP): WEP/WPA/WPA2-Personal/
Enterprise
ePOS-Display
Server Collaboration: Server Direct Print, Status notification

What's in the Box

OmniLink TM-H6000V printer; Thermal roll paper (starter roll for testing); Power switch cover; Connector cover; Setup guide; Ribbon cassette: ERC-32(B); Ribbon cassette: ERC-43(B) (models with Endorsement printing); AC adapter and AC cord*; CD (Drivers, utilities, and documentation)*
* May not be included depending on the model

Eco Features

RoHS compliant
Recyclable product[7]
Epson America, Inc. is a SmartWay® Transport Partner[8]
connectivity options.

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.

⚠ **WARNING:** The paper roll shipped together with this product can expose you to chemicals, including Bisphenol A and Bisphenol S, which are known to the State of California to cause birth defects or other reproductive harm.
Wash hands after handling.

For more information, go to www.P65Warnings.ca.gov

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® 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 | 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**

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SmartWay Transport Partner
Getting There With Cleaner Air

ENERGY STAR

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