Data Sheet | Item Number: 258-5108

Thermal transfer printer; Smart Printer; for complete control cabinet marking; basic kit; Without marking material

https://www.wago.com/258-5108











Continued on next page

This item includes:



Item No.: 258-5005 — 1

Thermal transfer ink ribbon; for Smart Printer; black



Item No.: 258-5006 — 1

Roller; for Smart Printer; for marking strips, device and equipment markers, conductor and cable markers



Item No.: 258-5007 — 1

Roller; for Smart Printer; for WMB-Inline WAGO (2009-115, -114, -113); 1 grinding device

System requirements

Memory	4 GB
Supported operating systems	Windows 7 Windows 8 Windows 10 Windows 11 Linux®

Technical data

Print head	Glass layer, spring-mounted
Print resolution	300 dpi
Print resolution	300 dpi (12 pixels/mm)
Print speed	Max. 127 mm/s (WAGO recommends 50.8 mm/s)
Print width	47 mm
Print length (max.)	762 mm
See-through/reflective sensor	Yes, centrally mounted
Memory	8192 MB
Interfaces	USB type A, (for BT and Wi-Fi connection), USB type B (for PC connection), RS-232, ETHERNET 10/100 Mbps
Operating voltage	100 … 240 VAC, 50 … 60 Hz (automatic adjustment)
Safety approvals	CE (EMC)
Operating display	Color TFT LCD with navigation button
Ink ribbon	Roll outer diameter: 40 mm; Core inner diameter: 12.7 mm (0.5 inch); Max. length: 110 m; Max. width: 58 mm
Ink ribbon length	360.9
Scope of delivery	Power supply + cable, 2 rollers (258-5006 + 258-5007), 1 roller holder, 1 ink ribbon (258-5005), Smart Script marking software and driver, USB cable, external unwinder, 1 empty cardboard core

Physical data

Height	175 mm / 6.89 inches
Width	135 mm / 5.315 inches
Depth	245 mm / 9.646 inches

Material data

Weight	3404 g

Continued on next page

Environmental requirements

Ambient temperature (storage)	-20 … +50 °C
Ambient temperature (operation)	+5 … +40 °C

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	TW
GTIN	4066966520835
Customs tariff number	84433210000

Product Classification

UNSPSC	43212108
ETIM 9.0	EC000610
ETIM 10.0	EC000610
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03079
KC National Radio Research Agency	Article 58-2, Clause 3	R-R-W43-258-5101
UL Underwriters Laboratories Inc.	UL 60950-1	E482462

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas

Approval	Standard	Certificate Name
CCC CHINA QUALITY CERT. CENTRE	-	2024010904626771

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Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 258-5108			

Documentation

Additional Information			
Smart Printer Zubehörübersicht	15.04.25 03.04.2025	pdf 453.91 KB	
Cutting Unit V2	1 27.04.2020	pdf 494.45 KB	
Overview software versions	1 22.02.2021	pdf 716.49 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Accessories for marking devices

1.1.1.1 Accessories for marking devices



Item No.: 258-5015
Carrying case; white



Item No.: 258-5030
Cutter; for Smart Printer; for marking strips, equipment markers, conductor and cable markers; Durable; High accuracy



Item No.: 258-5104
Power Bank; 12 … 24 V; 20100 mAh; for WAGO Thermal Transfer Smart Printer



Item No.: 258-5006
Roller; for Smart Printer; for marking strips, device and equipment markers, conductor and cable markers



Item No.: 258-5011
Roller; for Smart Printer; for Micro WSB Inline roller (2009-141); 1 grinding device



Item No.: 258-5008
Roller; for Smart Printer; for Mini-WSB Inline WAGO (2009-145); 1 grinding device



Item No.: 258-5009
Roller; for Smart Printer; for WMB-Inline Phoenix (2009-515); 1 grinding device



Item No.: 258-5007
Roller; for Smart Printer; for WMB-Inline WAGO (2009-115, -114, -113); 1 grinding device



Item No.: 258-5010
Roller; for Smart Printer; for WMB-Inline Weidmüller (2009-615); 1 grinding device

Item No.: 258-5005
Thermal transfer ink ribbon; for Smart Printer; black



Item No.: 258-5014
Thermal transfer ink ribbon; for Smart Printer; for self-laminating labels; black



Item No.: 258-5005/000-005
Thermal transfer ink ribbon; for Smart Printer; red



Item No.: 258-5005/000-008
Thermal transfer ink ribbon; for Smart Printer; white



Item No.: 258-5102
USB Adapter 5.0 with Bluetooth®; for WAGO Thermal Transfer Smart Printer



Item No.: 258-5103
WiFi USB Adapter; for WAGO Thermal Transfer Smart Printer

1.1.1.2 Storage



Item No.: 206-3010
Tool bag; empty; compatible with L-BOXX® 102; Capacity: 24 kg

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1.1.2 Marking

1.1.2.1 Cable tie marker



Item No.: 211-836
Cable tie marker; for Smart Printer; for use with cable ties; 100 x 15mm; white



Item No.: 211-835
Cable tie marker; for Smart Printer; for use with cable ties; 25 x 11 mm; white

Item No.: 211-837
Cable tie marker; for Smart Printer; for use with cable ties; 44 x 10 mm; white

1.1.2.2 Label



Item No.: 210-810
Labels; for Smart Printer; 5 x 35 mm; white



Item No.: 210-808
Labels; for Smart Printer; 9.5 x 25 mm; white

Item No.: 210-813
Labels; for Smart Printer; permanent adhesive; 40 mm; 750 pieces on roll; white



Item No.: 210-814
Labels; for Smart Printer; permanent adhesive; 40 mm; 750 pieces on roll; white



Item No.: 210-805
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; white



Item No.: 210-807
Labels; for Smart Printer; permanent adhesive; 8 x 20 mm; 3000 pieces on roll; white



Item No.: 210-806
Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; 3000 pieces on roll; white



Item No.: 210-811
Textile labels; for Smart Printer; permanent adhesive; 7 x 20 mm; 3000 pieces on roll; white

1.1.2.3 Marker



Item No.: 211-811
Marker; for Smart Printer; for use in nozzles; Length: 12 mm; white



Item No.: 211-821
Marker; for Smart Printer; for use in nozzles; Length: 23 mm; 2500 pieces on roll; white



Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-615
WMB-Inline; for Smart Printer; 1200 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-114
WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white



Item No.: 2009-113
WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white



Item No.: 2009-515
WMB-Inline; for Smart Printer; 900 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.2.4 Marking strip



Item No.: 210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white



Item No.: 2009-110/020-002
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; yellow

Item No.: 210-871
Marking strips; for Smart Printer; permanent adhesive; 10 mm; silver-colored



Item No.: 210-870
Marking strips; for Smart Printer; permanent adhesive; 10 mm; white

Item No.: 210-880
Marking strips; for Smart Printer; permanent adhesive; 12.7 mm; white



Item No.: 210-702
Marking strips; for Smart Printer; permanent adhesive; 15 mm; 50 m on roll; white



Item No.: 210-873
Marking strips; for Smart Printer; permanent adhesive; 20 mm; silver-colored



Item No.: 210-872
Marking strips; for Smart Printer; permanent adhesive; 20 mm; white



Item No.: 210-882
Marking strips; for Smart Printer; permanent adhesive; 22.6 mm; white



Item No.: 210-875
Marking strips; for Smart Printer; permanent adhesive; 30 mm; silver-colored



Item No.: 210-874
Marking strips; for Smart Printer; permanent adhesive; 30 mm; white



Item No.: 210-877
Marking strips; for Smart Printer; permanent adhesive; 46 mm; silver-colored



Item No.: 210-876
Marking strips; for Smart Printer; permanent adhesive; 46 mm; white



Item No.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



Item No.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



Item No.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white



Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white



Item No.: 757-901/000-050
Marking strips; on reel; not stretchable; plain; snap-on type

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1.1.2.5 Push-button label



Item No.: 210-847
Push-button marker; 22 x 22 mm; silver-colored



Item No.: 210-858
Push-button marker; 22 x 22 mm; silver-colored



Item No.: 210-850
Push-button marker; 26.5 x 18 mm; silver-colored



Item No.: 210-855
Push-button marker; 27 x 18 mm; silver-colored



Item No.: 210-852
Push-button marker; 27 x 19 mm; silver-colored



Item No.: 210-848
Push-button marker; 27 x 27 mm; silver-colored



Item No.: 210-854
Push-button marker; 28 x 28 mm; silver-colored



Item No.: 210-842
Push-button marker; for frames, to be snapped in or glued in place; 27 x 12.5 mm; silver-colored



Item No.: 210-836
Push-button marker; for frames, to be snapped in or glued in place; 27 x 17.5 mm; silver-colored



Item No.: 210-840
Push-button marker; for frames, to be snapped in or glued in place; 27 x 27 mm; silver-colored

1.1.2.6 Self-laminating label



Item No.: 211-856
Self-laminating labels; for Smart Printer; 13 x 22 mm; white



Item No.: 211-857
Self-laminating labels; for Smart Printer; 18 x 44 mm; white



Item No.: 211-855
Self-laminating labels; for Smart Printer; 9 x 18 mm; white

1.1.2.7 Shrink tube



Item No.: 211-505
Shrink tube; for Smart Printer; Unshrunk diameter: 12.7 mm; white



Item No.: 211-506
Shrink tube; for Smart Printer; Unshrunk diameter: 19.0 mm; white



Item No.: 211-500
Shrink tube; for Smart Printer; Unshrunk diameter: 2.4 mm; white



Item No.: 211-501
Shrink tube; for Smart Printer; Unshrunk diameter: 3.2 mm; white



Item No.: 211-502
Shrink tube; for Smart Printer; Unshrunk diameter: 4.8 mm; white



Item No.: 211-503
Shrink tube; for Smart Printer; Unshrunk diameter: 6.4 mm; white



Item No.: 211-504
Shrink tube; for Smart Printer; Unshrunk diameter: 9.5 mm; white

1.1.2.8 Type labels



Item No.: 210-812
Type labels; 50 x 25 mm; silver-colored



Item No.: 210-802
Type labels; 70 x 33 mm; silver-colored



Item No.: 210-801
Type labels; 70 x 33 mm; white



Item No.: 210-804
Type labels; 99 x 44 mm; silver-colored



Item No.: 210-803
Type labels; 99 x 44 mm; white

1.1.2.9 Wire marker for thread-on mounting



Item No.: 211-863
Conductor markers for thread-on mounting; for Smart Printer; 10 x 17 mm; white



Item No.: 211-861
Conductor markers for thread-on mounting; for Smart Printer; 5 x 10.5 mm; white



Item No.: 211-862
Conductor markers for thread-on mounting; for Smart Printer; 7 x 10.5 mm; white

Continued on next page

Installation Notes

Application



Open Smart Printer.



Smart Printer is open.



Secure the appropriate roller in the printer.



Insert the entire core of the ink ribbon at the bottom.



Insert the empty core at the top and twist until the empty core has been completely wrapped.



Close Smart Printer.



Use the tear-off edge to remove the printed material.

Application



Loosen the center bar, loosen the wing and place material on the bar.



Secure the second wing on the center bar, resecure the bar in the housing and loosely attach guide rails to the material.

Application



Secure the material on the external unwinder.



Route material through the printer.



Guide the marker strip over the roller.



Loosely fit guide rails to the material.



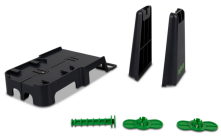
Place unwinder and material centrally behind the printer.



External unwinder with sample material (item number 2009-110)



External unwinder with sample material (item number 2009-115)



Set of external unwinder



External unwinder (item number 258-5017)



Wing plates for external unwinder (item no. 258-5019)



Spindle for external unwinder (item number 258-5018)

Application



Secure Bluetooth® (item number 258-5102) or WiFi Dongle (item number 258-5103) in the USB-A interface.



Download WAGO marking software and couple it to the desired printer in the print preview.



Optional use: Power bank 24 V (item number 258-5104)