

testo 164 GW

Gateway WLAN (0572 1648 xx), Gateway Ethernet (0572 1649 xx)



0572 1649 xx

0572 1648 xx

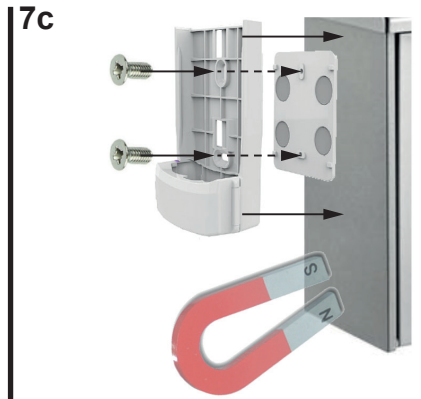
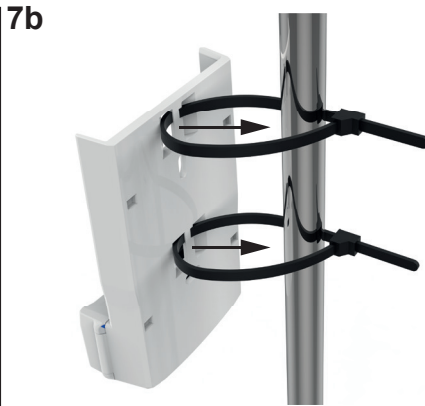


0554 2212



0572 1649 xx

0572 1648 xx



www.testo.com/manuals



<https://qr.testo.com/ldtw8z>



www.saveris.testo.com/get-started



| | | | | | |
|--|--|-------------------------|-----------------|------------------------------|---------------------------|
| | 1 x 2 x 3 x 4 | | | | |
| | 186 x 69 x 101 x 85 mm 7.3 x 2.7 x 4.0 x 3.3 in | ca. 220 g ca. 7.8 oz | IP 42 (WLAN) | 0...+50 °C +32...+122 °F | ABS-PC +10% GF/ TPE |
| | 203 x 69 x 119 x 85 mm 8.0 x 2.7 x 4.7 x 3.3 in | ca. 247 g ca. 8.7 oz | IP 30 (POE) | -20...+60 °C -4...+140 °F | PC / PET |



Approvals and Certification

The use of the wireless module is subject to the regulations and stipulations of the respective country of use, and the module may only be used in countries for which a country certification has been granted. The user and every owner has the obligation to adhere to these regulations and prerequisites for use, and acknowledges that the re-sale, export, import etc. in particular in countries without wireless permits, is his responsibility.

| | |
|-----------|----------------------|
| Product | testo 164 Gateway EU |
| Mat.-No. | 0572 1640 01 |
| Model-No. | 0572 2200 01 |
| Date | 26.12.2024 |

| | |
|----------------------|---|
| Country | Comments |
| Europa + EFTA | Hereby, Testo SE & Co. KGaA declares that the radio equipment type testo 164 Gateway EU (0572 2200 01) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.testo.com/eu-conformity EU countries: Belgium (BE), Bulgaria (BG), Denmark (DK), Germany (DE), Estonia (EE), Finland (FI), France (FR), Greece (GR), Ireland (IE), Italy (IT), Latvia (LV), Lithuania (LT), Luxembourg (LU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Sweden (SE), Slovakia (SK), Slovenia (SI), Spain (ES), Czech Republic (CZ), Hungary (HU), Republic of Cyprus (CY). EFTA countries: Iceland, Liechtenstein, Norway, Switzerland WEEE Reg. no.: DE 75334352 |
| South Africa | TA-2022/2742 |
| Türkiye | Approved |
| United Arab Emirates | ER33911/24 |
| United Kingdom (UK) | The UK Declaration of Conformity can be found on the testo homepage www.testo.com under the product specific downloads. |

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|--------|--------------|--|
| Module | Feature | Values |
| | Radio range | up to 200 m (650 feet) (free field) |
| | Type | Lierda L-RFOMD41-04594-02 |
| | RF Band | 865 to 868 MHz (L-Band) |
| | Output power | 12.5 dBm |
| | Antenna gain | max -0.15 dBi |
| | Company | Lierda Science & Technology Group Co., Ltd |

| | |
|----------|------------|
| Hongkong | Comments |
| | Authorized |

| | |
|-----------|-----------------------|
| Product | testo 164 Gateway FCC |
| Mat.-No. | 0572 1640 02 |
| Model-No. | 0572 2200 02 |

| | |
|---------------------|--|
| Country | Comments |
| Australia | |
| Canada | Product IC ID: 6127B-0572220002 See IC Warnings |
| Trinidad and Tobago | Approved |
| USA | Product FCC ID: WAF-0572220002 See FCC Warnings |

| | | |
|--------|---------------------|--|
| Module | Feature | Values |
| | Radio range | up to 200 m (650 feet) (free field) |
| | Type | Lierda L-RFOMD41-04594-02 |
| | RF Band | 915 to 928 MHz |
| | Modulation | GFSK |
| | Output power | 12.5 dBm |
| | Transm. rate | 50 kBit/s |
| | Antenna gain | max -0.15 dBi |
| | Antenna Part Number | 0440 3002 |
| | Company | Lierda Science & Technology Group Co., Ltd |

| | |
|---------------------|--|
| Country | Comments |
| Australia | |
| Canada | Product IC ID: 6127B-0572220002 See IC Warnings |
| Trinidad and Tobago | Approved |
| USA | Product FCC ID: WAF-0572220002 See FCC Warnings |

| | | |
|--------|---------------------|--|
| Module | Feature | Values |
| | Radio range | up to 200 m (650 feet) (free field) |
| | Type | Lierda L-RFOMD41-04594-02 |
| | RF Band | 915 to 928 MHz |
| | Modulation | GFSK |
| | Output power | 12.5 dBm |
| | Transm. rate | 50 kBit/s |
| | Antenna gain | max -0.15 dBi |
| | Antenna Part Number | 0440 3002 |
| | Company | Lierda Science & Technology Group Co., Ltd |

| | |
|----------------|---------------------------|
| Product / 产品名称 | testo 164 Gateway CN (网关) |
| Mat.-No. / 材料号 | 0572 1640 03 |
| Model No. / 型号 | 0572 2200 03 |

| | | |
|-------------|-------------------|---|
| Country | Comments | |
| China | Approved | |
| Philippines | Approved | |
| Module 通讯模块 | Feature 特征与参数 | Values 数值 |
| | Radio range 无线电范围 | up to 200 m (650 feet) (free field / 无障碍场地) |
| | Radio type / 类型 | Lierda L-RFOMD41-04594-02 |
| | RF Band 射频频段 | 868.0 to 868.6 MHz |
| | Company 制造商 | Lierda Science & Technology Group Co., Ltd |

IC Warnings

CAN ICES-003(B)/NMB-003(B):

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

RSS-Gen & RSS-247 statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution: Radio Frequency Radiation Exposure

This equipment complies with radio frequency exposure limits set forth by the Innovation, Science and Economic Development Canada for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

Co-Location: This device must not be co-located or operated in conjunction with any other antenna or transmitter.

Attention : exposition au rayonnement de radiofréquences

Cet équipement est conforme aux limites d'exposition aux radiofréquences définies par la Innovation, Sciences et Développement économique Canada pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre le dispositif et l'utilisateur ou des tiers

Co-location : Ce dispositif ne doit pas être utilisé à proximité d'une autre antenne ou d'un autre émetteur.

This radio transmitter [IC:6127B-0572220002] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

| | |
|---------------------|------------------|
| Antenna gain | Max. -0.15 dBi |
| Antenna impedance | 50 Ω |
| Antenna type | Monopole antenna |
| Antenna Part Number | 0440 3002 |

Cet émetteur radio [IC:6127B-0572220002] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antennes énumérés ci-dessous, avec le gain maximal autorisé indiqué. Les types d'antenne non inclus dans cette liste qui ont un gain supérieur au gain maximum indiqué pour tout type répertorié sont strictement interdits pour une utilisation avec cet appareil.

| | |
|------------------------------|------------------|
| Gain de l'antenne | Max. -0.15 dBi |
| Impédance d'antenne | 50 Ω |
| Type d'antenne | Antenne monopôle |
| Numéro de pièce de l'antenne | 0440 3002 |

FCC Warnings

Information from the FCC (Federal Communications Commission)

For your own safety

Shielded cables should be used for a composite interface. This is to ensure continued protection against radio frequency interference.

FCC warning statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cable must be used in order to comply with the emission limits.

Warning

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Radio Frequency Radiation Exposure

This equipment complies with radio frequency exposure limits set forth by the FCC for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.

Co-Location: This device must not be co-located or operated in conjunction with any other antenna or transmitter.

| | |
|----------------|---------------------------|
| Product / 产品名称 | testo 164 Gateway CN (网关) |
| Mat.-No. / 材料号 | 0572 1640 03 |
| Model No. / 型号 | 0572 2200 03 |

| | | |
|-------------|-------------------|---|
| Country | Comments | |
| China | Approved | |
| Philippines | Approved | |
| Module 通讯模块 | Feature 特征与参数 | Values 数值 |
| | Radio range 无线电范围 | up to 200 m (650 feet) (free field / 无障碍场地) |
| | Radio type / 类型 | Lierda L-RFOMD41-04594-02 |
| | RF Band 射频频段 | 868.0 to 868.6 MHz |
| | Company 制造商 | Lierda Science & Technology Group Co., Ltd |

* 符合“微功率短距离无线电发射设备目录和技术要求”中通用无线遥

控设备技术要求，用于数据传输应用。采用外置天线。

- * 不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率（包括额外加装射频功率放大器），不得擅自更改发射天线。
- * 不得对其他合法的无线电台（站）产生有害干扰，也不得提出免受有害干扰保护。
- * 应当承受射频辐射能量的工业、科学及医疗（ISM）应用设备的干扰或其他合法的无线电台（站）干扰。
- * 如对其他合法的无线电台（站）产生有害干扰时，应立即停止使用，并采取消除干扰后方可继续使用。
- * 在航空器内和依据法律法规、国家有关规定、标准划定的射电天文台、气象雷达站、卫星地球站（含测控、测距、接收、导航站）等军用无线电台（站）、机场等的电磁环境保护区域内使用微功率设备，应当遵守电磁环境保护及相关行业主管部门的规定。
- * 微功率部分使用时温度和电压的环境条件（温度见说明书，由适配器或者电池供电）

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| Product | testo 164 Gateway JP |
| Mat.-No. | 0572 1640 04 |
| Model-No. | 0572 2200 04 |

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| Country | Comments |
| Japan | 0572 2200 04: 214-124260 See Japan information |

| | | |
|--------|--------------|--|
| Module | Feature | Values |
| | Radio range | up to 200 m (650 feet) (free field) |
| | Type | Lierda L-RFOMD41-04594-02 |
| | RF Band | 922.4 to 928 MHz |
| | Output power | 12.5 dBm |
| | Antenna gain | max -0.15 dBi |
| | Company | Lierda Science & Technology Group Co., Ltd |

| | |
|-----|--|
| NSF | |
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Japan Information

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している。

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|-----------|----------------------|
| Product | testo 164 Gateway KR |
| Mat.-No. | 0572 1640 05 |
| Model-No. | 0572 2200 05 |

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|-------------|--|
| Country | Comments |
| South Korea | R-R-te2-057222000 R-R-te2-0572220005 See KCC Warning |

| | | |
|--------|--------------|--|
| Module | Feature | Values |
| | Radio range | up to 200 m (650 feet) (free field) |
| | Type | Lierda L-RFOMD41-04594-02 |
| | RF Band | 922.3 to 923.1 MHz |
| | Output power | 12.5 dBm |
| | Antenna gain | max -0.76 dBi |
| | Company | Lierda Science & Technology Group Co., Ltd |

KCC Warning

이 기기는 사용 중 전파 혼신 가능성이 있으며, 타기기로 부터 유해한 혼신을 받을 수 있음

| | |
|-----------|----------------------|
| Product | testo 164 Gateway IN |
| Mat.-No. | 0572 1640 06 |
| Model-No. | 0572 2200 06 |

| | |
|---------|----------|
| Country | Comments |
| India | Approved |

| | | |
|--------|--------------|--|
| Module | Feature | Values |
| | Radio range | up to 200 m (650 feet) (free field) |
| | Type | Lierda L-RFOMD41-04594-02 |
| | RF Band | 865 to 867 MHz |
| | Output power | 12.5 dBm |
| | Antenna gain | max -0.15 dBi |
| | Company | Lierda Science & Technology Group Co., Ltd |

| | |
|-----------|-------------------|
| Product | testo 164 Gateway |
| Mat.-No. | 0572 1640 0x |
| Model-No. | 0572 2200 0x |

| | |
|---------------|---|
| Certification | Comments |
| NSF | 0572 2200 0x (x = 1, 2, 3, 4, 5, 6, 7) |

| | |
|-----|--|
| NSF | |
|-----|--|

Manufacturer/ importer

Testo SE & Co. KG aA
Celsiusstr. 2, 79822 Titisee-Neustadt, Germany
+49 7653 681-0
www.testo.com

Warning: Please follow the instructions when using the product.