

Specifications

| Printing method | Line thermal dot print method | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|------------------|---|------|---------|--|--|--|--|--------------------------|------|------|------|------|--------|----|----|----|----|---------|--------|----|----|----|----|--------|--------|----|----|----|----|--------|
| Print width (*1) | 80mm/640 dots, 72mm/576 dots, 64mm/512 dots, 54.5mm/436 dots, 54mm/432 dots, 52.5mm /420dots, 48 mm/384 dots, 45mm/360 dots, 48.75mm/390 dots, 68.25 mm/546 dots | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dot density | 8 × 8 dots / mm (203 dpi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Print speed | Roll paper: Max. 200 mm/sec 1600 dots lines/sec. (fastest, print density 100%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number of print columns (*2) | <table border="1"> <thead> <tr> <th rowspan="2">Font</th> <th colspan="4">Maximum number of characters (columns)</th> <th rowspan="2">Dot configuration (dots)</th> </tr> <tr> <th>83mm</th> <th>80mm</th> <th>60mm</th> <th>58mm</th> </tr> </thead> <tbody> <tr> <td>Font A</td> <td>53</td> <td>48</td> <td>36</td> <td>35</td> <td>12 × 24</td> </tr> <tr> <td>Font B</td> <td>71</td> <td>64</td> <td>48</td> <td>46</td> <td>9 × 17</td> </tr> <tr> <td>Font C</td> <td>80</td> <td>72</td> <td>54</td> <td>52</td> <td>8 × 16</td> </tr> </tbody> </table> | | | | Font | Maximum number of characters (columns) | | | | Dot configuration (dots) | 83mm | 80mm | 60mm | 58mm | Font A | 53 | 48 | 36 | 35 | 12 × 24 | Font B | 71 | 64 | 48 | 46 | 9 × 17 | Font C | 80 | 72 | 54 | 52 | 8 × 16 |
| Font | Maximum number of characters (columns) | | | | | Dot configuration (dots) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 83mm | 80mm | 60mm | 58mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Font A | 53 | 48 | 36 | 35 | 12 × 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Font B | 71 | 64 | 48 | 46 | 9 × 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Font C | 80 | 72 | 54 | 52 | 8 × 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Character size (W × H) (*3) | Font A: 1.50 × 3.00 mm Font B: 1.13 × 2.13 mm Font C: 1.00 × 2.00 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Character type | Alphanumeric, International, PC437/850/852/857/858/860/863/864/865/866/WPC1252/Katakana/Thai code 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| User memory | 384 Kb (capable of storing user-defined characters and logos) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barcode type | UPC-A/E, JAN(EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR (NW-7), CODE 93, PDF417, QR Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Line spacing | 4.23mm (1/6 inch) (changeable using commands) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper roll | Roll paper | Width | Paper roll: 83+0/-1 mm, 80+0/-1 mm, 60+0/-1 mm, 58 mm+0/-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Thickness | 65 to 75µm (core tube diameter: inner 12 mm/outer 18mm) 75 to 85µm (core tube diameter: inner 25.4 mm/outer 32 mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Diameter | Φ 83mm or less | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interface | Serial (RS-232C compliant), Parallel (IEEE1284 compliant) USB, USB with hub, powered USB, Ethernet DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cash drawer kick-out | Supports 2 cash drawers DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External device port | RJ-45, 8-pin connector DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buffer size | 4K bytes / 45 bytes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Puppy voltage | DC 24V ± 5% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power consumption | Approx. 45 W (normal printing), 3W (standby) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC adapter (36AD2, 36AD3) | Rated input: AC 100 to 240V, 50/60 Hz, 150VA Rated output: DC24V, 2.1A By using of Powered USB, no AC adapter is required) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight (approx.) | CT-S601S (Built-in power supply type): 2kg CT-S601A (AC adaptor type): 1.6kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outer dimensions | CT-S601S (Built-in power supply type): 145 (W) × 192 (D) × 148(H)mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---|---|
| | CT-S601A (AC adaptor type): 145 (W) × 192 (D) × 120(H)mm DETAILS |
| Operating temperature and humidity | 5 to 45 °C, 10 to 90 % RH (no condensation) |
| Storage temperature and humidity | -20 to 60 °C, 10 to 90 % RH (no condensation) |
| Reliability *4 | Print head life: 150 km, 200 million pulses Auto cutter life: 2 million cuts |
| Safety standards *5 | UL, C-UL, FCC class A, TÜV-Bauart, CE marking, CCC |

*1: When paper width is 83, 80, 60 or 58 mm.

*2: The number of printable column is selected using a memory switch. The number of columns noted in this table refer to typical models. The number of columns varies depending on specifications.

*3: Characters appear small because the dimensions include a blank area surrounding each character.

*4: At normal temperature/humidity, using recommended paper and paper thickness of 65µm.

*5: Compliant if the Citizen Systems AC adaptor (36AD2/36AD3) is used.