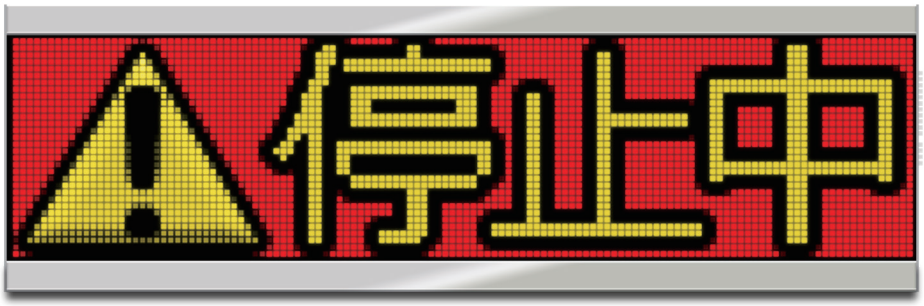
i-Catch Roll LED Linker

アイ・キャッチロール LED リンカー

型名：　IPD-026-01

取扱説明書

本製品の使い方全般を説明しています。



お買いあげいただき、まことにありがとうございました。

この取扱説明書をよくお読みのうえ、正しくお使いください。

● ご使用の前に「安全にお使いいただくために」（4 ページ）を必ずお読みください。

● この取扱説明書は、いつでも見ることができるところに必ず保管してください。

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保証規定

1. 本製品の保証期間はお買い上げ日から１年間です。
2. お客様の正常なご使用状態で保証期間中に故障した場合、無償修理致します。
3. 保証期間内でも、次の場合は有償修理となります。
   イ) 火災、異常電圧、定格外の使用電源（電圧、周波数）および地震、雷、風水害、その他天災地変など、外部に原因がある故障、破損
   ロ) お客様による入手後の輸送、落下、その他の衝撃による故障
   ハ) お客様の故意若しくは過失、誤用、その他異常な条件下での使用において生じる故障
   ニ) 改造、不当な修理、その他の取り扱いが適切で無かったことによる故障
4. 保障期間内の当社瑕疵による故障であっても取り外し及び、再設置に係る費用については保証外となります。
5. 修理後の商品の保証期間は、元の保証期間の残存期間の満了日または修理後９０日間の満了日のいずれか遅く到来する日までとします。
6. 保証期間満了後の故障につきましては、弊社判断により有償修理をさせて頂きます。
7. 法律上の請求の原因の種類を問わず、いかなる場合においても、弊社は、この商品の使用または使用不能から生じる本保証規定に規定されていない他のいかなる損害（事業利益の損失、事業の中断、事業情報の損失または、その他の金額的損害を含むがこれらに限定されない）に関して、一切責任を負わないものとします。いかなる場合においても、本保証規定に基づく弊社の責任は、本商品についてお客様が実際にお支払いになった金額を超えないものとします。

免責事項

・本書に記載された指示事項を守らなかったり、設定やお手入れにおいて、注意または配慮をしないで生じた損害に対して、弊社は一切の責任を負いません。
・本製品の乱用、誤使用、用途の誤りなどが原因の直接および間接損害、またはその他の損害について、弊社は一切の責任を負いません。
・本製品の改造が原因の損害または傷害に対して、弊社は一切の責任を負いません。
・付属品、消耗品の使用により生じた本製品の故障や間接損害に対して、弊社は一切の責任を負いません。
・通信障害やシステム障害による情報の不達・遅延、および情報の内容、その他当社の責に帰すべからざる事由に起因して発生したお客さまの損害について責任を負いません。

重要なお知らせ

●本製品の意図した用途
本製品は、専用のアプリケーションソフトで作成したメッセージを表示するための装置です。本製品の仕様は、「主な仕様」を参照ください。意図された目的以外で本製品を使用したり、安全指示および事故防止事項に従わないと、以下の危険を生じることがあります。
・あなたの健康への危険
・本製品の破損

●本製品を安全に使用していただくための事項
・本製品を使用する前に、本書に記述されている内容を十分にご理解ください。
・本製品の設置・操作・設定・お手入れ作業は、本製品の基本的な知識を習得した人が行ってください。
・関連する国および行政機関の法令や規則を守ってください。
・事故を防止するため、本来の意図された目的以外の使用や、本書に記載している以外の操作、お手入れの作業はしないでください。
・本製品は厳重な品質管理と検査を経て出荷しておりますが、万が一、故障または不具合があったり、本製品内部の点検・修理を行う際は、お買い上げの販売店または弊社連絡先までご連絡ください。（19 ページの「お問い合わせ先」参照）

●取扱説明書に関する事項
・本書は、i-Catch Roll LED Linker の取扱説明書です。
・本書は弊社が版権を有しています。本書を含む図面および技術文書のいかなる箇所も弊社の事前の同意書なしに、複写、電子媒体など、どのような方式であっても複写することはできません。
・本書に記載されている写真や図は、実際の機械とは異なる場合があります。
・本書に記載されている数値は、お客様の環境などにより実際の数値と異なる場合があります。
・本書を紛失、または損傷した場合、再発行はできませんので、大切に保管してください。本書がない状態での本製品の使用は、事故発生の原因になります。
・本書、本製品および付属品は、改良のため予告なく変更することがあります。
・本製品を譲渡される場合は、次の所有者に本書を必ず渡してください。
・Microsoft、Windows は、米国 Microsoft Corporation の米国およびその他の国における登録商標です。

安全にお使いいただくために

本製品を安全にお使いいただくため、本書では「⚠警告」「⚠注意」「注意」の 3 種類で危険度のレベルを区分けし、以下のシンボルマークを用いて安全上の注意事項を記載しています。

シンボルマークの意味　（図記号の一例です。）

- 気をつける必要があることを表しています。
- してはいけないことを表しています。
- しなければならないことを表しています。

警告

「⚠警告」は、回避しないと、死亡または重症を招く可能性がある潜在的な危険状態を示します。

■電源について

電源コードを傷つけない。引っ張らない。無理に曲げない。本製品や重いものの下敷きにしない。加熱しない。加工しない。また、熱器具に近づけない。電源コードを傷め、火災や感電の原因となります。

電源は、AC100V(50/60Hz) のコンセントを使用する。指定以外の電源を使用すると、火災や感電の原因となります。

雷が鳴り始めたら、すぐに電源プラグをコンセントから抜いて電源を切る。火災や感電の原因となります。

発熱したり、煙が出たり、変なにおいがするなどの異常が起きたら、すぐに電源プラグをコンセントから抜き電源を切る。異常な状態で使用を続けると、火災や感電の原因となります。お買い上げの販売店または弊社連絡先までご連絡ください。

機器を落としたり、キャビネットを破損したときは、電源プラグをコンセントから抜き電源を切る。そのまま使用すると火災や感電の原因となります。お買い上げの販売店または弊社連絡先までご連絡ください。

電源プラグの刃や刃の付近に、ほこりや金属物が付着しているときは、電源プラグを抜いて乾いた布で取り除く。そのまま使用すると火災や感電の原因となります。

■水ぬれについて

内部に水や異物が入ったときは、電源プラグをコンセントから抜いて電源を切る。そのまま使用すると火災や感電の原因となります。お買い上げの販売店または弊社連絡先までご連絡ください。

ぬれた手で電源プラグを抜き差ししない。感電の原因となります。

本製品に水がかかったときは、電源プラグをコンセントから抜いて電源を切る。そのまま使用すると火災や感電の原因となります。お買い上げの販売店または弊社連絡先までご連絡ください。

■異物混入、分解、改造について

クリップやピンなどの異物を機械の中に入れない。火災や感電の原因となります。

本製品を分解、改造しない。内部には電圧の高い部分があるため、触ると感電の原因となります。内部の点検、修理はお買い上げの販売店または弊社連絡先までご連絡ください。

■設置について

航空機、原子力設備、生命維持にかかわる医療機器などの高度な信頼性を必要とする設備への使用はできません。

ほこりや湿気の多い場所、油煙や湯気の当たる場所で使用しない。腐食性ガス（二酸化硫黄、硫化水素、二酸化窒素、塩素、アンモニア、オゾンなど）の存在する環境で使用しない。火災の原因となります。

本製品に水がかかるような場所に設置しない。ぬらしたりしない。火災や感電の原因となります。本製品の近くに花びんなど、水の入った容器を置かないでください。風呂やシャワー室では使用しないでください。エアコン等、水を排出する機器にも注意してください。

屋外では使用しない。やむを得ず屋外で使用する場合は、風雨の影響を受けない場所に置く。発熱、発火、感電の原因となります。

⚠注意

「⚠注意」は、回避しないと、軽傷または中程度の傷害を招く可能性がある潜在的な危険状態を示します。

■電源について

電源コードは、必ず付属のものを使用する。
付属以外のものを使用すると、火災の原因となることがあります。

電源プラグをコンセントから容易に抜き差しできる状態で使用する。

電源プラグは、コンセントに直接差し込む。
タコ足配線をすると、過熱により火災の原因となることがあります。

電源プラグはコンセントに根元まで確実に差し込む。差し込みが不完全だと発熱したり、ほこりが付着して火災の原因となります。また、電源プラグの刃に触れると感電の原因となります。

火災や感電を防ぐために、次のことを守る。
- 電源プラグを抜くときは、必ずプラグを持って抜いてください。
- お手入れのときや、夜間、休業日などで長時間使用しないときは、電源プラグをコンセントから抜いてください。
- 電源プラグや電源コードが熱いとき、またコンセントへの差し込みがゆるく電源プラグがぐらついているときは、使用をやめてお買い上げの販売店または弊社連絡先までご連絡ください。

移動するときは、電源プラグをコンセントから抜く。
コードが引っ掛かり、落ちたり、倒れたりしてけがの原因となることがあります。
電源コードが傷つき火災や感電の原因となることがあります。

■設置について

直射日光の当たる場所や暖房器具の近くなど、高温になる場所で使用しない。
発熱や発火の原因となることがあります。

ぐらつく台の上や、不安定な場所に置かない。強い衝撃や振動を与えない。
落ちたり、倒れたりしてけがの原因となることがあります。

うつ伏せ、あお向け、逆さまにして使用しない。
熱がこもり、発熱や発火・故障の原因となることがあります。

風通しの悪いところに置いたり、じゅうたんや布団の上に置いたり、布などをかけたりしない。
通風を妨げると内部に熱がこもり、故障や発熱、発火の原因となることがあります。

■使用上の注意について

上にものを置いたり、上に乗ったりしない。
倒れたり、落下したりしてけがの原因となることがあります。

ものを引っ掛けたりしない。
倒れたり、落下したりしてけがの原因となることがあります。

表示ユニットを強く押したり、衝撃を与えたりしない。
表示ユニットに力が加わると、破損や故障、けがの原因となることがあります。

硬いものでこすったり、たたいたりしない。
破損してけがの原因となることがあります。

■お手入れについて

付着したほこりやゴミはこまめに取り除く。
ほこりがたまると、発熱や発火・故障の原因となることがあります。

注意

「注意」は、回避しないと、物的損害を引き起こす可能性がある潜在的な危険状態を示します。

■電源について

電源コードの抜き差し（切 / 入）は必ず 5 秒以上の間隔をあける。間隔が短いと、故障や誤動作の原因となります。

■使用上の注意について

同じ画像は表示させない。焼き付け現象が起こる場合があります。定期的に表示内容を変えてください。

電波障害に関するご注意

この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

本書に従って正しい取り扱いをしてください。
※ 本製品をラジオ、テレビジョン受信機などから十分に離してください。
※ 本製品とラジオ、テレビジョン受信機などを別のコンセントに接続してください。

設置環境

●電磁波妨害に注意してください
・本製品の近くで携帯電話などの電子機器を使うと、電磁波妨害などにより機器相互間での干渉が起こり、表示が乱れたり雑音が発生したりすることがあります。

●周囲温度は 0℃～ 40℃の範囲内でご使用ください
低温になる部屋（場所）でご使用の場合
・低温になる場所には放置しないでください。キャビネットの変形や故障の原因となります。

●屋外では使用しないでください
・やむを得ず屋外で使用する場合は、風雨の影響を受けない場所に置いてください。

●直射日光・熱気は避けてください
・異常に温度が高くなる場所に放置すると、キャビネットが変形したり、故障の原因となることがあります。
・キャビネットや部品に悪い影響を与えますので直射日光が当たる場所や熱器具の近くに置かないでください。
・急激な温度差がある部屋（場所）では使用しないでください。
・急激な温度差がある部屋（場所）で使用すると、表示品位が低下することがあります。

●結露（つゆつき）について
・本製品を寒い場所から暖かい場所へ移動させたときや、暖房などで室温が急に上がったときなど、本製品の表面や内部に結露が起こる場合があります。結露が起きた場合は、結露がなくなるまで電源を入れないでください。故障の原因となります。（結露を防ぐためには、徐々に室温を上げてください。）

●使用が制限されている場所
・航空機の中など、使用が制限または禁止されている場所では使用しないでください。事故の原因となるおそれがあります。

廃棄について

本製品を廃棄する際は、国の定めた廃棄ルールに従って廃棄してください。

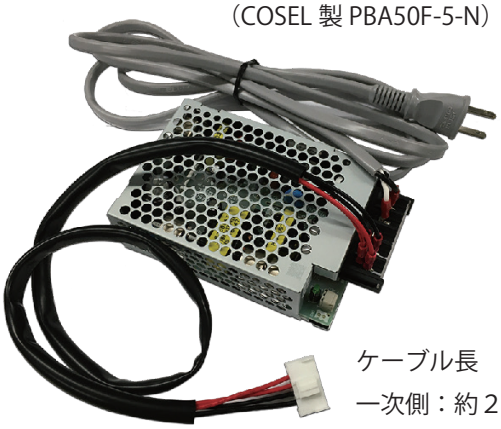
付属品の確認、各部の名称

付属品

万一、不足のものがありましたら、販売店にご連絡ください。

●表示ユニット

●電源
（COSEL 製 PBA50F-5-N）

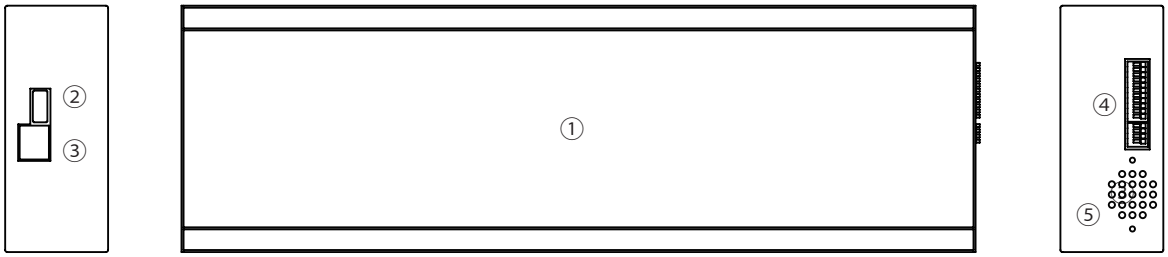


ケーブル長
一次側：約２m
二次側：約６０cm

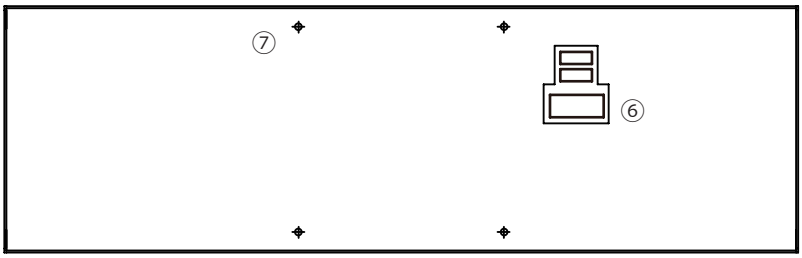
※取扱説明書、メッセージ編集・登録用のアプリケーションソフトは、製品 Web サイトよりダウンロードください。

ご注意 お買い上げいただいた製品の箱と緩衝材は保管していただくことを推奨いたします。

各部の名称



背面図



①表示部
② USB 端子
③ LAN 端子
④汎用入出力端子
⑤スピーカー
⑥電源接続端子
⑦取り付け穴（４カ所）

製品概要

●「i-Catch Roll LED Linker」本製品　製品概要

・LED 表示器を使用した、メッセージ電光掲示板です。
・電源は AC100V 入力の電源を使用します。本製品自体は DC 5 V 駆動です。
・汎用入力端子に接続された外部制御機器（PLC 等）により専用アプリで予め登録した文字や画像の切替表示を行います。
・接点出力端子よりの出力を入力端子の状態に合わせ ON/OFF が可能で、他外部機器の制御に使用できます。
・アラーム音またはチャイム音を表示と共に再生することもできます。

基本操作の流れ

表示ユニットを設置

表示ユニットの設置、電源、制御装置と入力端子部の接続を行います。

専用編集・登録アプリ「LEDLinkEditor」にて表示ユニットデータの編集

専用編集・登録アプリケーションソフトにて表示ユニットデータの編集を行います。入力端子の状態に合わせ、それぞれの表示内容、音声の選択、出力端子の ON/OFF 等の編集を行います。
専用編集・登録アプリ「LEDLinkEditor」は、弊社Ｗｅｂサイトよりダウンロードいただけます。

表示ユニットへのデータの書出し（登録）

専用編集・登録アプリにて表示ユニットデータの編集後、USB メモリに登録用データを書出し、その USB メモリを本体 USB 端子に挿入することにより表示ユニットデータの登録を行います。
または、ネットワーク経由で表示ユニットデータを直接本体に送信、登録することも可能です。

運用開始

外部制御機器等（PLC 等）と接続された汎用入力端子の状態により、切り替え表示を行います。

⚠ 警告

・電源は、AC100V(50/60Hz) のコンセントを使用してください。指定以外の電源を使用すると、火災の原因となる場合があります。

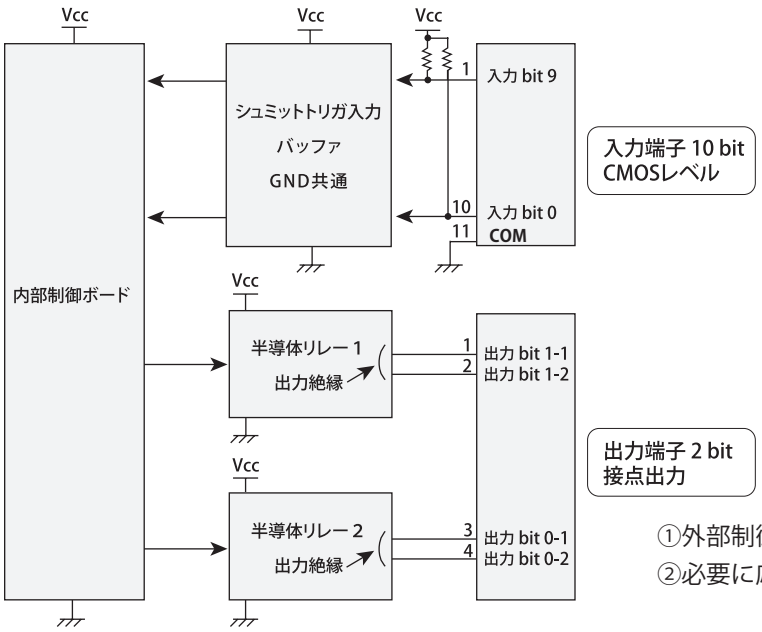
⚠ 注意

・電源コードは、必ず付属のものを使用してください。付属以外のものを使用すると、火災の原因となることがあります。
・電源コードの抜き差し（切 / 入）は必ず 5 秒以上の間隔をあけてください。間隔が短いと、故障や誤動作の原因となります。
・設置、移動の際は、本体底面部を持ってください。落下したりしてけがの原因となることがあります。
・表示部を強く押したり、衝撃を与えたりしないでください。表示部に力が加わると、破損や故障、けがの原因となることがあります。

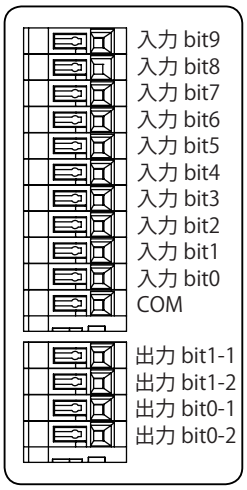
表示ユニットの設置、準備

1．外部制御装置等と、汎用入出力端子の接続

汎用入出力端子仕様：



汎用入出力端子配置

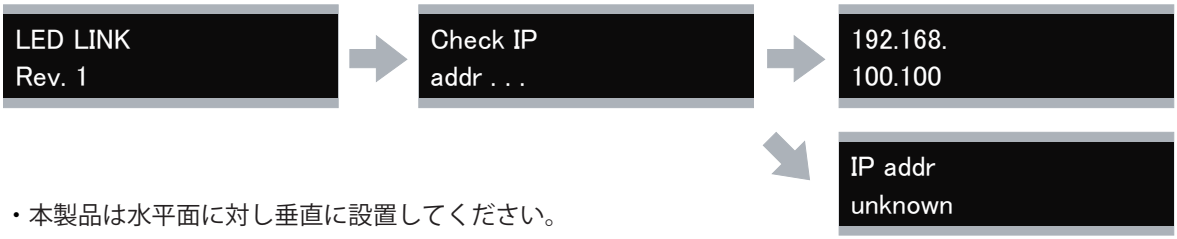


①外部制御機器（PLC 等）と汎用入力端子を接続します。
②必要に応じて、出力端子を外部機器を接続します。

ご注意
- 汎用入出力端子の電気的仕様については 17 ページの「主な仕様」を確認ください。
- 使用可能電線範囲：AWG28~AWG22
- 電線は 1 つの挿入口に対し、1 本としてください。
- 電線の接続・解除は、ボタンを下限まで押しながら行ってください。また、電線は最後まで完全に挿入してください。

2．電源接続

①付属の電源コードを本体背面の電源接続端子に差し込みます。
② AC 電源を差し込みます。
※本製品に電源スイッチはありません。必要に応じ外部スイッチを接続するなどしてください。
③電源を入れると**約３０秒後**にファームウェアのバージョンが表示されます。
④ネットワークに接続されている場合、ＩＰアドレスが表示されます。



ＩＰアドレスの表示

ネットワーク接続がない場合

ご注意
- 本製品は水平面に対し垂直に設置してください。
- 本製品は周囲温度 0℃～ 40℃の範囲内でご使用ください。
- 熱がこもるのを防ぐため、周囲の空間を確保してください。
- 発熱する機器の上に本製品を置かないでください。

LED Link Editor のインストール

●アプリケーションソフト「LED Link Editor」概要

本製品の表示に必要な、表示編集・設定を専用アプリケーションソフトにて行います。
汎用入力端子の状態に合わせた、テキスト編集、チャイム音設定、出力端子設定、色設定などが最大 1024 通りできます。

ご注意 本エディターを利用して著作権の対象となっている著作物を複製、編集することは、著作権法上、個人的にその複製物や編集物を使用する場合に限られます。このような利用方法はお控えください。
また、写真の画像データ、映像などを利用する場合は、上記著作権侵害となります。

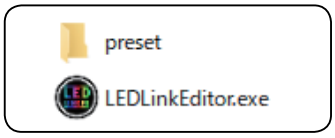
●アプリケーションソフト「LED Link Editor」動作条件

OS	CPU	主記憶メモリ	ハードディスク空き容量	ディスプレイ
Windows 8 日本語版	OS のシステム条件に準じる。		100MB 以上	1024x768 以上
Windows 10 日本語版	OS のシステム条件に準じる。			

●アプリケーションソフト「LED Link Editor」のインストール

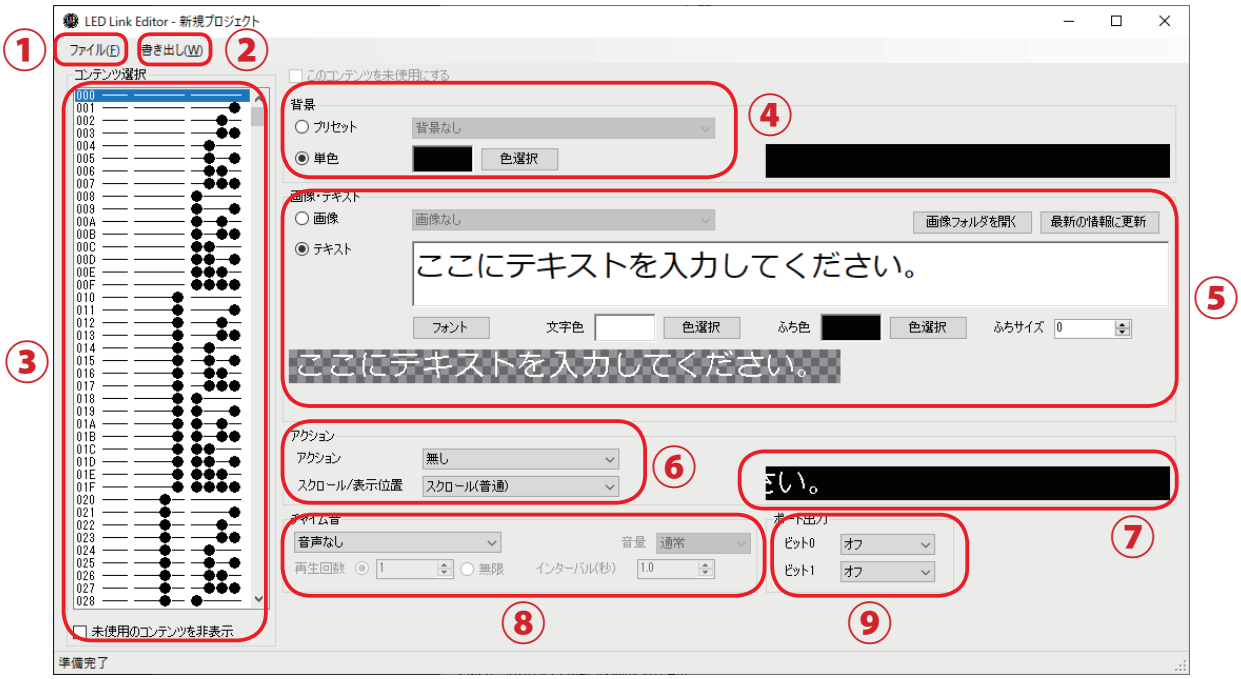
ご使用のパソコンの使用環境などにより、説明内容、画面と実際の内容、画面が一致しないことがあります。

①アプリケーションソフト「LEDLinkEditor.exe」及び「preset」が入った LED Link Editor フォルダーをお手元のパソコンのデスクトップ、または、任意の場所にコピーします。
②フォルダー内の「LEDLinkEditor.exe」を開きます。



●アプリケーションソフト「LED Link Editor」画面説明

「LED Link Editor」を起動すると以下のような画面が表示されます。

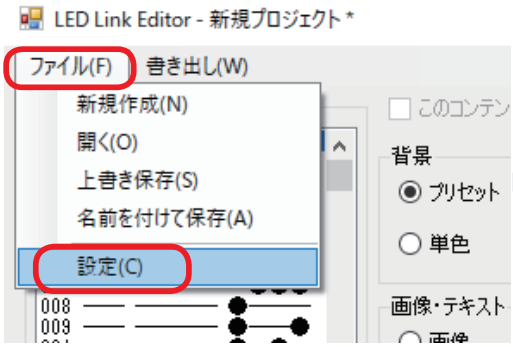


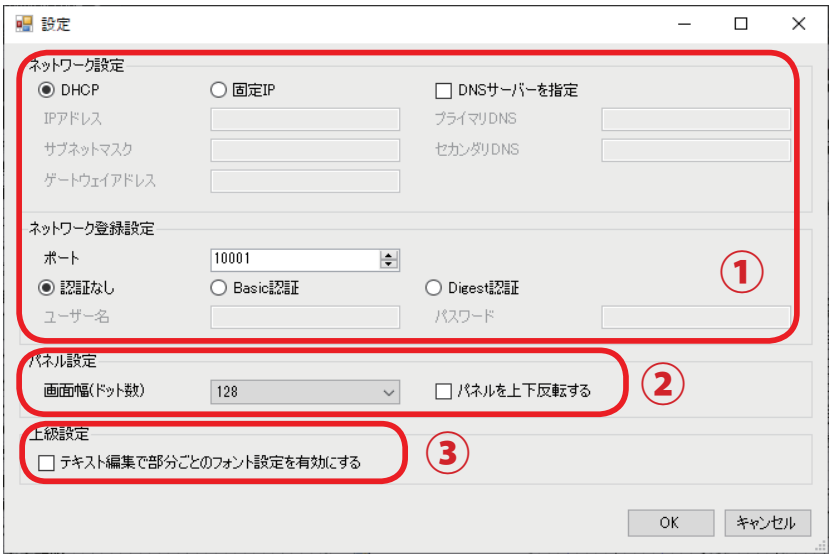
①ファイル・・・ファイルの保存、読み出し、ネットワークの設定を行います。
②書き出し・・・表示データを USB メモリに登録、または、ネットワーク経由で表示データを本体に登録します。
③入力ポート・・・外部制御機器（PLC 等）からの入力状態に合わせ、それぞれの内容を編集します。
④背景・・・外部制御機器（PLC 等）からの入力状態に合わせ、それぞれの内容を編集します。
⑤画像・テキスト・・・表示する画像を選択、または、テキストを入力します。
⑥表示アクション・・・点滅やスクロールアクションを選択します。
⑦プレビューウインドウ・・・設定した内容のプレビューが表示されます。
⑧チャイム音・・・標準で搭載されているチャイム音、アラーム音を鳴らします。
⑨出力・・・２つの出力端子を制御します。

表示ユニットデータの作成、編集

●初期設定を行います。

ファイルタブ から設定を開きます。





①ネットワーク設定

ネットワーク経由で表示データの登録を行う場合は、ＩＰアドレス、ポートの設定を入力します。

②パネル設定

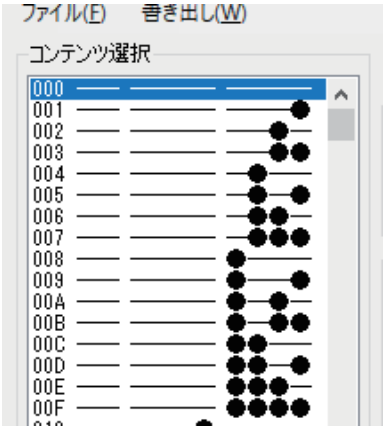
解像度の設定を行います。本製品の表示解像度は横 128 ドット、縦 32 ドットです。画面幅（ドット数）は 128 を選択ください。表示器を上下逆さまに使用する場合は、「パネル上下を反転する」にチェックを入れてだくさい。

③上級設定

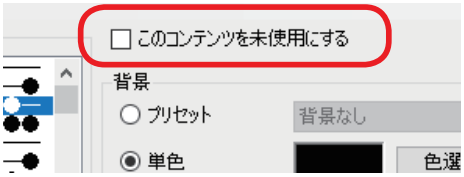
テキスト編集において、文字単位でフォント設定を必要とする場合はチェックを入れてください。

●接点入力ポートを選択します。

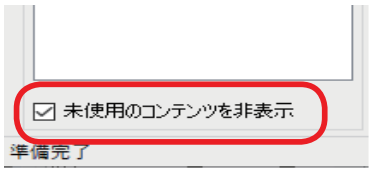
コンテンツ選択ウインドウでメッセージを登録する入力ポートを選択します。
メッセージは１０ビット（000~3FF）１０２４通りの登録が可能です。



新しく入力ポートを使用する場合は、このコンテンツを未使用にするのチェックを外してください。



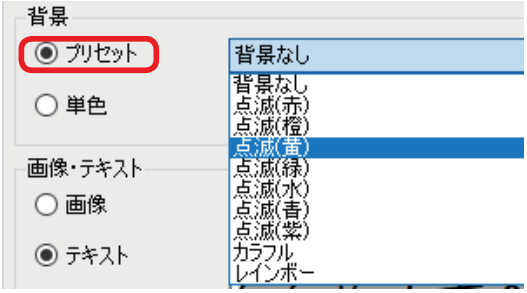
使用しない入力ポートがある場合、「未使用のコンテンツを非表示」にチェックを入れると、使用中のみのポートが表示されます。必要に応じご使用ください。

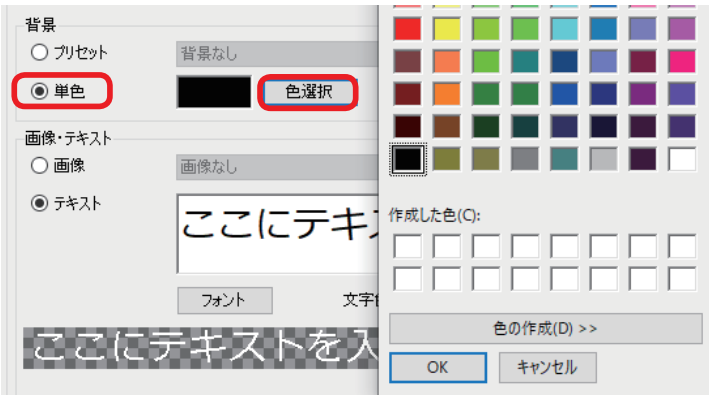


●背景を設定します。

文字の背景をプリセット、または、単色から選択します。

- **プリセット**・・・リストから選択します。
- **単色**・・・色を選択します。

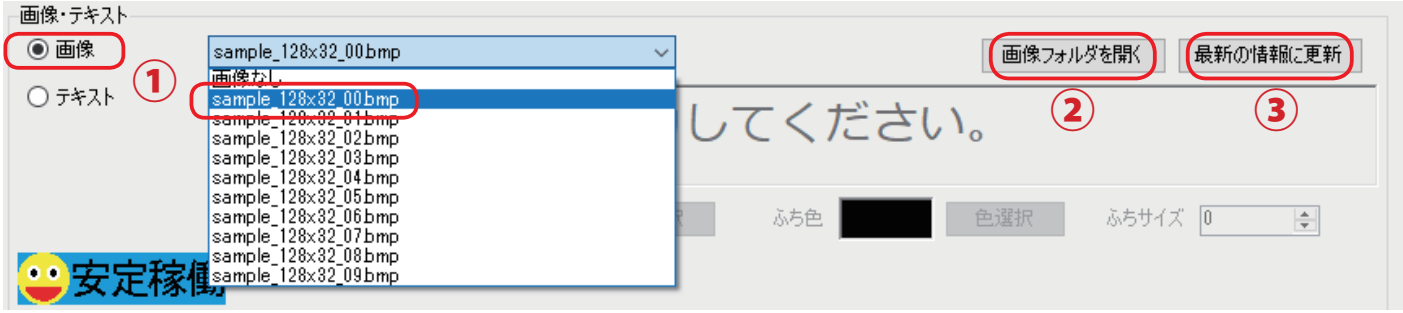




●画像を選択、または、テキストを入力します。

画像の選択

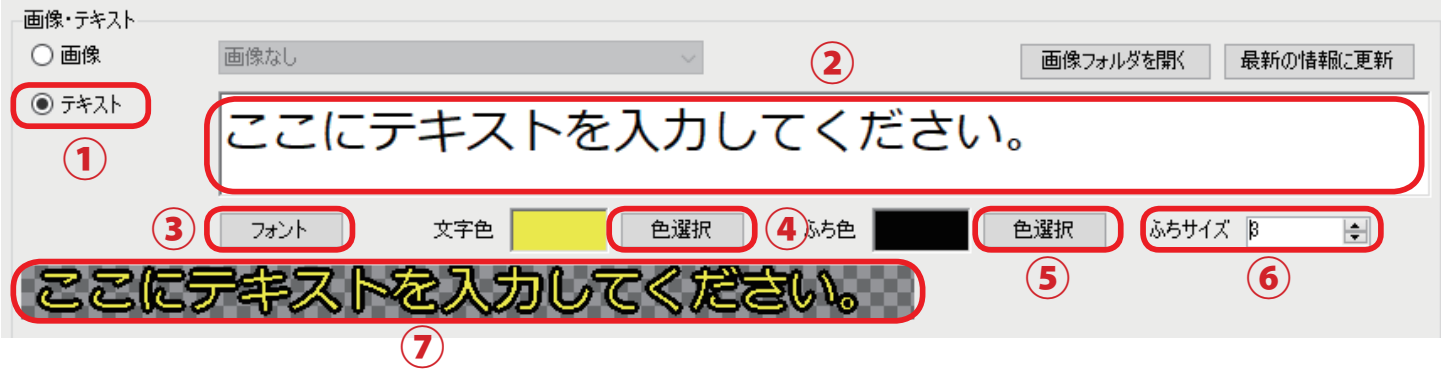
①予め準備した画像ファイルを選択します。（デフォルトでいくつかビットマップファイルを付属しています。）



②新たに画像ファイルを追加する場合、「画像フォルダを開く」ボタンをクリックします。
　画像フォルダ「fg」が自動的に開きますので、登録したい画像ファイルをコピーします。
　コピー後、「最新の情報に更新」ボタンをクリックします。

テキストの編集

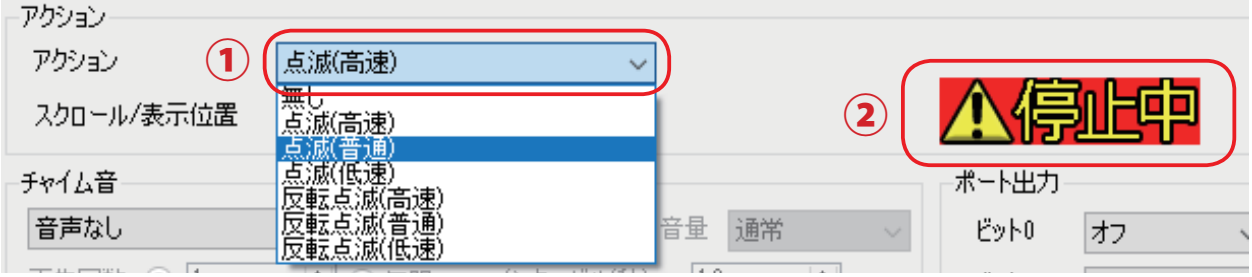
任意のテキストを入力し、必要に応じ文字の装飾を行います。



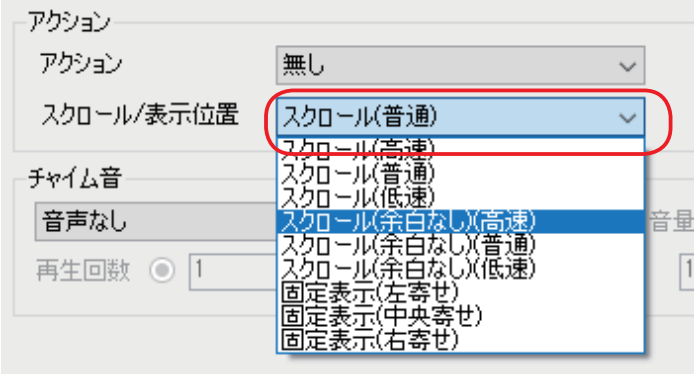
①テキストを選択します。
②任意のテキストを入力します。
　表示器上で画面からはみ出るものは表示されません。長い文字はアクション設定項目でスクロールを選択してください。
③文字のフォントを設定します。
　（選択するフォントによっては、使用できないもの、表示位置がずれるものがあります。）
④文字の色を設定します。
⑤文字のふち取り色を設定します。
⑥ふち取りのサイズを選択します。
⑦プレビューウインドウで設定したテキストの内容が確認いただけます。

●表示アクションの設定をします。

①プルダウンリストから表示アクションを選択します。
②プレビュー画面でアクションの動きを確認できます。



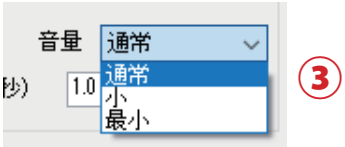
③プルダウンリストからスクロールアクション、または、固定文字の位置を選択します。
　プレビュー画面で動きを確認いただけます。



項目	設定値	仕様
アクション	無し（初期値）	アクションは設定されません。
	点滅	各速度で高速で点滅します。
	反転点滅	各速度で色反転点滅します。
スクロール表示位置	スクロール（初期値）	各速度で文字がスクロールします。
	スクロール（余白なし）	各速度で文字が余白無しに連続でスクロールします。
	固定表示	各位置で静止表示します。

●通知音の設定を行います。

①チャイム音の選択を行います。**無し（初期値）、Ch.0 通知音、Ch.1 警報音**
②再生回数の設定を行います。無限を選択すると音が鳴り続けます。
③音量を選択します。**通常（初期値）、小、最小**
④音のインターバル（秒）の設定を行います。



●出力端子の設定を行います。

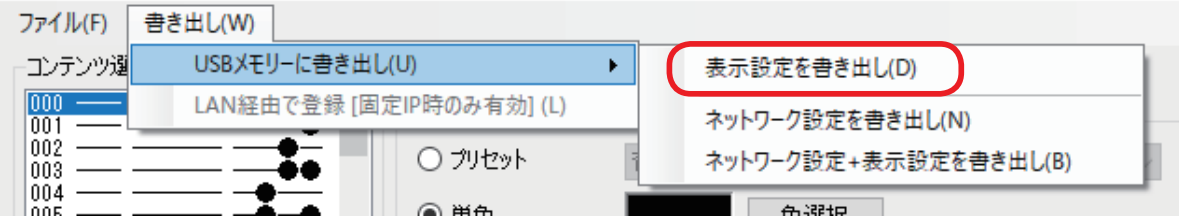
ビット０、ビット１それぞれの出力設定を行います。
オフ（初期値）、オン

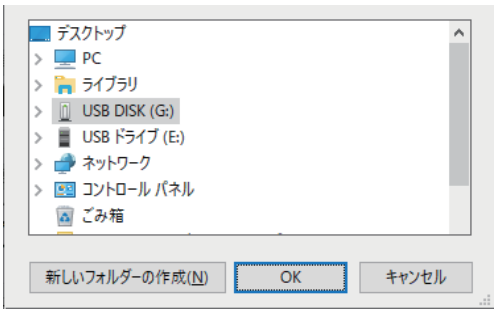
表示ユニットデータの書出し、本機への登録

表示ユニットデータの編集後、USB メモリ、または、ネットワーク経由でデータを登録します。

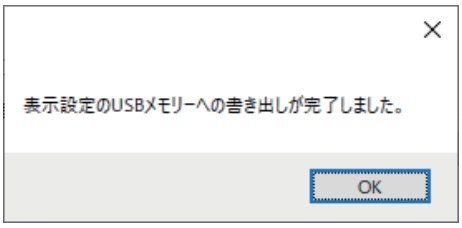
● USB メモリでの登録

① USB メモリーをパソコンの USB 端子へ挿入します。
②「書出し」→「USB メモリーへの書出し」→「表示器設定を書き出し」を選択します。



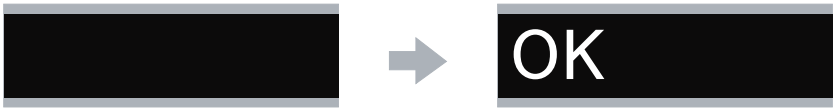


③ USB メモリーを選択し、OK をクリックします。



④ USB メモリーへの書出しが開始されます。上記ダイアログが表示されたら、OK をクリックし USB メモリーを取り外します。

⑤表示ユニット電源投入後、表示が始まってから、データを保存した USB メモリーを本機 USB メモリー端子に挿入しますと、表示が一旦消え、自動的に表示ユニットデータの登録が開始されます。登録完了後は「ＯＫ」の文字が表示され、自動的に表示スタートします。登録後は USB メモリーを抜いてください。



ご注意
・本機へ登録中は絶対に USB メモリを抜かないでください。
・登録する表示ユニットデータ次第では、登録時間が長くなる場合もあります。

表示ユニットデータの書出し、本機への登録続き

●ネットワーク経由での登録

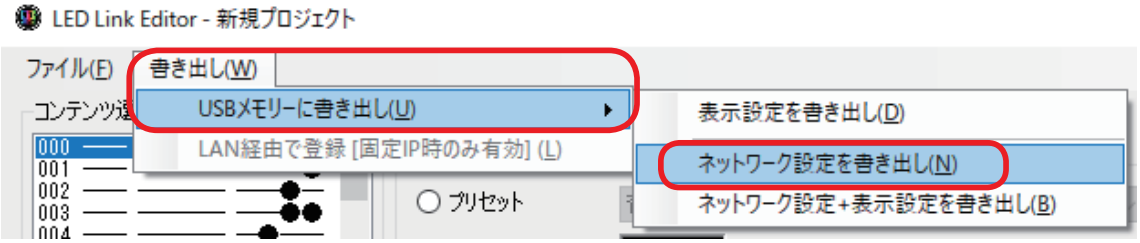
①始めに表示器本体のネットワーク設定を行い、USB メモリで設定内容を登録します。

①ＩＰアドレス
固定ＩＰの設定を行います。

②ＤＮＳサーバー
ＤＮＳサーバーの設定を行います。

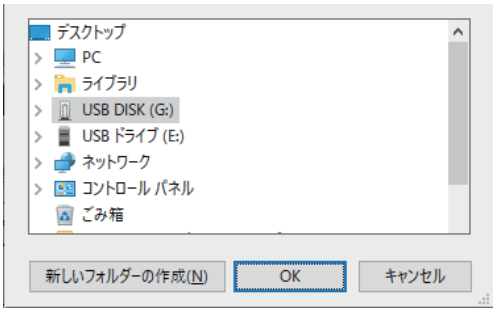
③ポート、認証方式
通信ポート、認証方法の設定を行います。

②次に、ネットワーク設定内容をＵＳＢメモリで表示器本体に登録します。

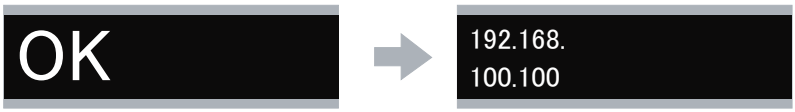


③「メニュー」
→「書き出し」
→「USB メモリに書き出し」
→「ネットワーク設定を書き出し」

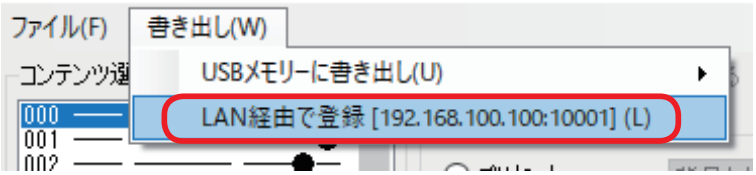
④ＵＳＢメモリを選択しデータを保存します。



⑤表示器本体の電源投入後、表示が始まってから、データを保存した USB メモリーを本機 USB メモリー端子に挿入しますと、自動的にデータの登録が開始、登録完了後は「ＯＫ」の文字が表示され、その後登録を行ったＩＰアドレスが表示されます。登録後は USB メモリーを抜いてください。

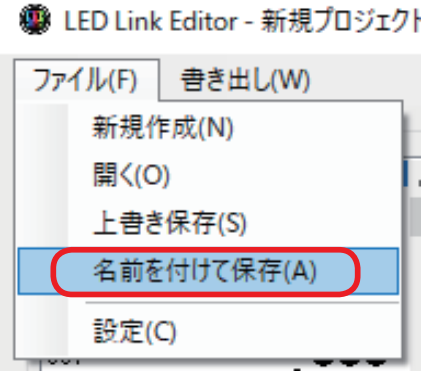


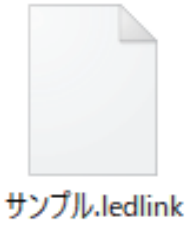
⑥メッセージ内容を編集した後、「メニュー」→「書き出し」→「LAN 経由で登録」が行えるようになります。



編集済みデータの保存、読み出し

編集済のデータを保存、読み出すことができます。
①「ファイル」→「名前を付けて保存」を行います。



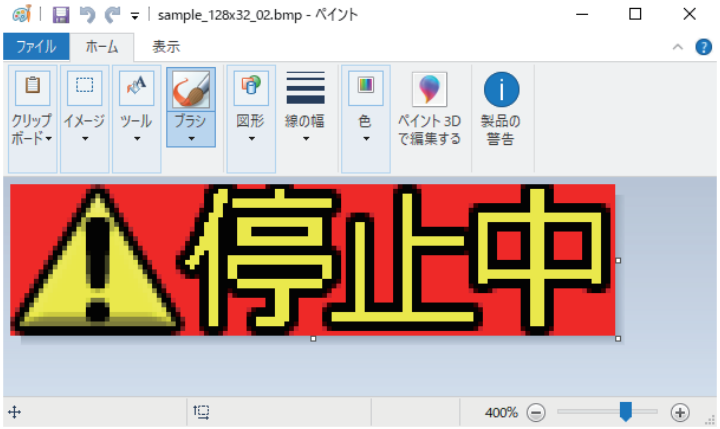


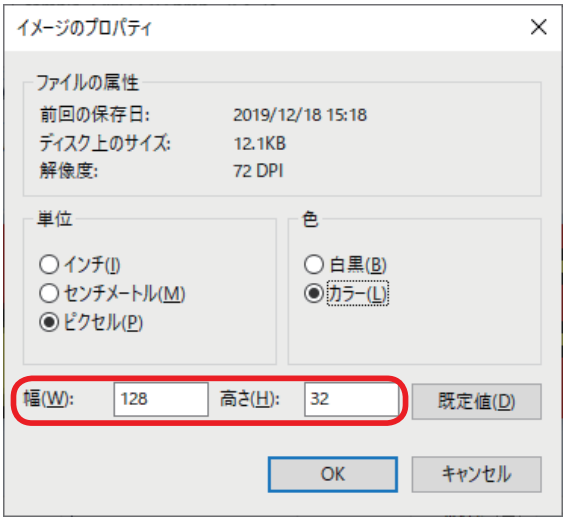
②保存されたファイルは、「ファイル名 .ledlink」で保存されます。
③「ファイル」→「開く」から保存されたファイルを読み出すことができます。

画像ファイルの作成例及び、登録方法

画像ファイル（BMP データ）の作成方法例

画像ファイルの作成は描画ツールを利用して作成します。
ここでは一般的な「ペイント」ツールを利用した場合で説明します。





①画像ファイルは縦 32 ピクセル、横は 128 ピクセルで設定。
②単位はピクセル
③光らない部分は黒で作成ください。
④データ作成後、画像フォルダにファイルを保存してください。

主な仕様

● 製品仕様

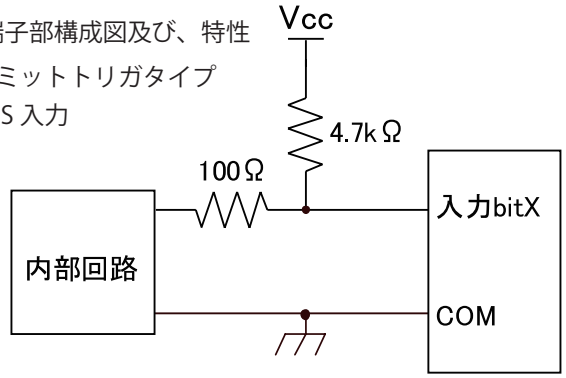
項目	内容
型名	IPD-026-01
表示素子	ドットグラフィックカラー LED
最大解像度（蛍光表示部）	128x32 ピクセル
表示文字数	4 文字 / ユニット　*1
カラー	フルカラー
画素ピッチ（蛍光表示部）	水平 3.0mm x 垂直 3.0mm
表示画面サイズ	382.6 x 94.6 mm
インターフェース	USB メモリ、LAN
電源入力	AC100V　50/60Hz　機器自体は DC5V 入力
使用温度条件	0 ～ 40℃
使用湿度条件	40 ～ 80%（結露なきこと）*3
消費電力	白色全点灯時：　約 15W 文字表示時：　約 6 W～ 11W
外形寸法	寸法図参照
筐体材質	アルミ
質量	約 0.8kg/ ユニット（電源含まない）

*1：フォントサイズにより増減します。
*2：輝度は経年により劣化します。一定の輝度を維持するものではありません。
*3：静電気に十分ご注意の上、ご使用ください。

● 汎用入出力端子部仕様

・入力端子部構成図及び、特性

シュミットトリガタイプ
CMOS 入力

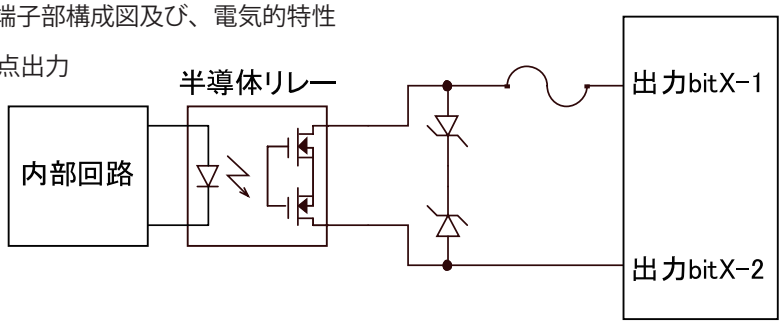


測定条件：Ta=25℃ ,VCC=5.0V(内部回路)

項目	記号	内容
入力電流	IIH	最大 1.0 μ ADC
	IIL	最大 -1.2mADC
入力電圧	VIH	最小 4.0VDC、最大 5.0VDC
	VIL	最小 0VDC、最大 1.0VDC

・出力端子部構成図及び、電気的特性

接点出力

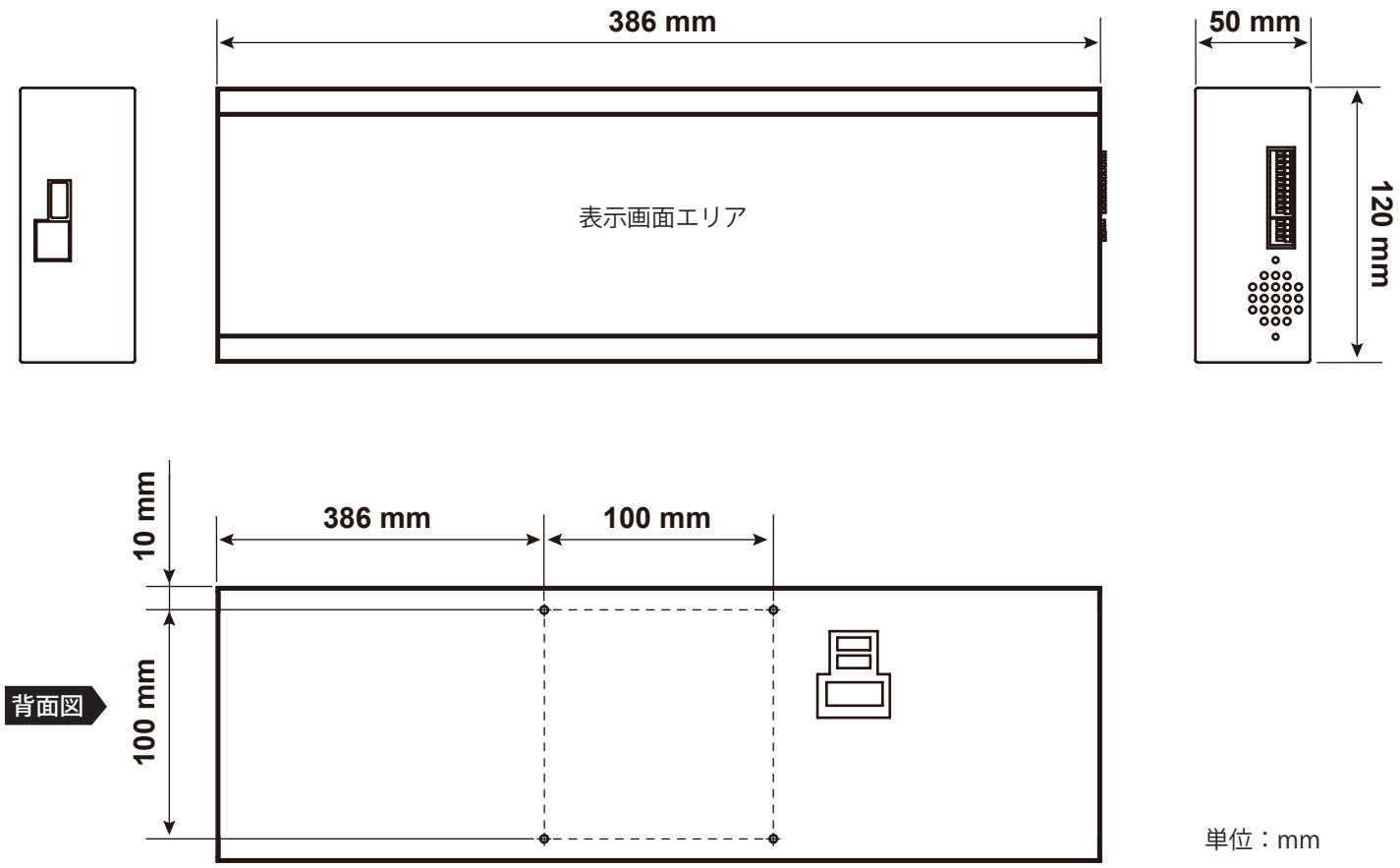


測定条件：Ta=25℃ ,VCC=5.0V(内部回路)

項目	記号	内容	条件
負荷電圧	VDD	最大 26.4V	ピーク AC/DC, 1 端子当たり
連続負荷電流	IO	最大 100mA	ピーク AC/DC, 1 端子当たり
オン抵抗	RON	標準 0.8 Ω、最大 2.2 オーム	連続負荷電流 =100mA 時
入出力間耐電圧	VI-O	最大 500VAC	入力 GND- 出力端子間

主な仕様

●外形図



単位：mm

背面に４個所のネジ穴が設けてあります。
市販の金具などを取り付けて壁面への設置が可能です。
VESA 規格 100 x 100 mm 、M4 ネジ（MAX20mm）

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E メール：　ipd@noritake-itron.jp

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・品名：i-Catch Roll LED Linker
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・故障の状況（できるだけ具体的に）
・ご住所
・お名前
・電話番号
・E メールアドレス

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アイ・キャッチロール LED リンカー
取扱説明書
●初版発行日：2020 年 3 月
DS-2091-0800-00

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 # --- Linux Kernel 4.9.89

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--- glibc 2.24

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--- AM335x PRU PACKAGE

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--- Python 3.5.3

A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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--- Flask

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