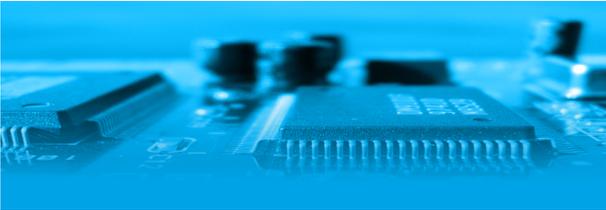




PRODUCT DATASHEET

QR-CODE & BARCODES READER



Highlights

HIGH SENSITIVITY

The quality of the optical sensor and the integrated white light enable fast reading on all smartphone displays, even with reflections, low contrast or modified colours.

MULTIPLE READING FORMATS

The many supported 1D or 2D code formats allow you to create a specific identifier at the Security department. You can also read a code already used for other applications on the site (cantine, library, parking subscription...).

SMOOTH ACCESS

The fast capture, the LED (red/green) and the beep sound signals make it easy for users to understand if their QR-code is accepted or not.

Main features

- Reading formats : 1D or 2D codes
- Compatible with NG range only (TILLYS NG + MLx modules)
- Mounting : surface-mounted or flush-mounted
- Signalling : Green/red LED + orange LED for power supply
- Output format : RS485
- Brushed stainless steel case
- Indoor/outdoor use
- Power supply 12V



Rapidity and Flexibility

In addition to traditional RFID readers, barcodes are a very convenient solution in many situations.

The ease of transmitting a barcode and presenting it on various media (screen, paper, badge, etc.) makes it ideal for managing external people requiring temporary access.

For example, it allows a visitor to pass through the first outside entrance before the reception desk, where an RFID badge will be given to him/her.

It can also be useful for access to areas common to several companies, which do not use the same RFID identification technology. The printing of a 2D (QR-Code) or 1D (bar) code on the user's badge allows him/her to keep only one badge for both zones.

Supervised by the centralised MICRO-SESAME system, TIL's barcode reader connects to TILLYS NG unit control via the same modules as the other readers on the site (MLx).

This reader is available in 2 versions, for surface mounting (in a case with protective cap), or on a flush-mounting.

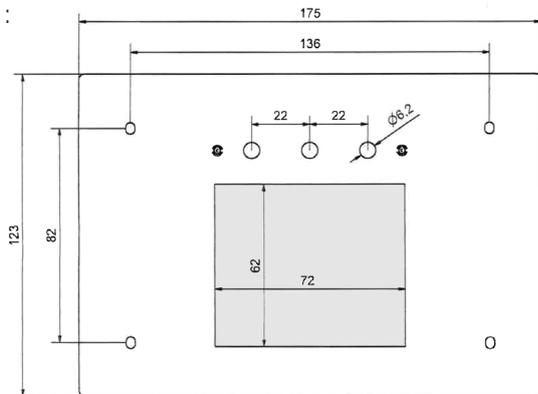
IDENTIFICATION TECHNOLOGIES AT TIL

RFID IDENTIFIERS	KEYBOARD CODES	BIOMETRICS	LICENSE PLATES	BARCODES

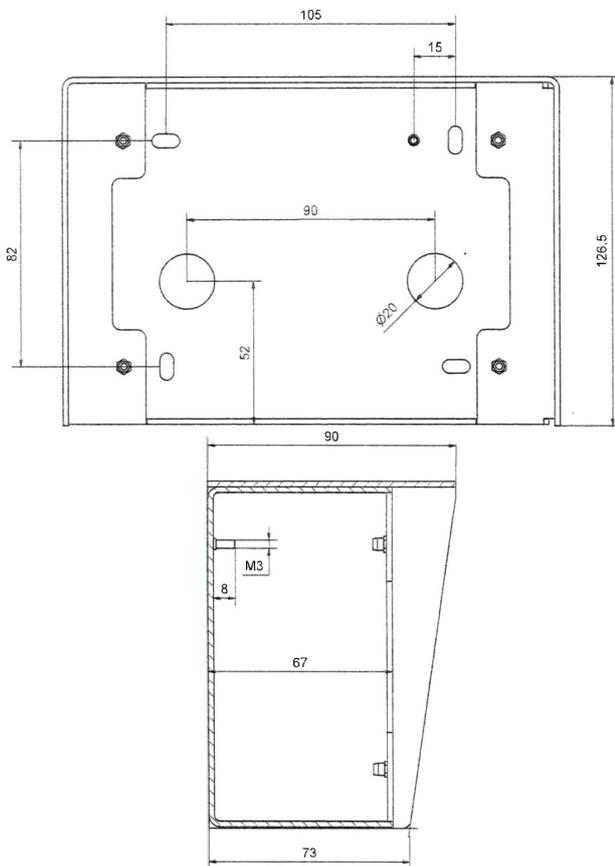
QR-CODE & BARCODES READER

Dimensions

Front side :



Stainless steel case for surface mounting :



Product references

1D/2D barcode readers :

- LEC24TI6000-IB5 : barcode reader 1D/2D flush-mounted, RS485 output, stainless steel
- LEC24TI6100-IB5 : 1D/2D barcode reader in a case, for surface mounting, RS485 output, stainless steel

Technical details

- **Power supply** : 12 V (8 to 13,6 VDC)
- **Consumption** : 2 W (max)
- **1D/2D ID reading** :
 - » 1D : 1EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar(RSS-Expand, RSS-Limited, RSS-14), Code 39, Code 11, MSI-Plessey, Plessey
 - » 2D : PDF417, Data Matrix, QR Code
- **Image sensor** : 752x480 CMOS, 10mil resolution, white LED illumination
- **FOV** : Diagonal: 85°, Horizontal: 63.7°, Vertical: 70°
- **Ambient light** : 0 - 100 000 LUX
- **Signalling** :
 - » 2 LEDs Red/Green controllable
 - » 1 orange LED for power supply
 - » Integrated beep
- **Communication** : RS485
- **Connection** : Plug-in terminal block
- **Dimensions** :
 - » Flush-mounted version : 175 x 123 x 67 mm
 - » Surface-mounted (protective cap) : 180 x 126,5 x 90 mm
- **Scan window** : 38.3 x 60.4mm
- **Mounting** : Surface-mounted or flush-mounted (100 x 85 x 55 mm minimum on inside dimensions). Compatible with GEWISS pots (ref: GW48003)
- **Materials** :
 - » 316L brushed stainless steel, thickness 2 mm
- **Operating temperature** : -10°C to +50°C
- **Humidity** : 5 to 95% (without condensation)
- **Weight** :
 - » Flush-mounted version : 526 g
 - » Surface-mounted (with protective cap) : 2080 g

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