



Barcode reader / swallower



80 mm barcode scanner with or without LCD display

- 80 mm barcode scanner with reader interface and LCD display in option
- Equipped with an AT/RS485 or RS232 connection
- Suitable for both interior and exterior use
- OctoLine base plate made of anodized and brushed aluminum
- Simple assembly with OctoLine casing for building in and building out
- Possibility of integration with Software Development Kit

Optional:
Rain protection in polypropylene



LED lighting



Technical specifications

ELEKTRICAL DATA

Power supply	12 VDC ±5% stabilised - 24 VDC
Electricity consumption	with display and swallower: 120 mA rest • 250 mA peak
Interface	AT/RS485 and RS232


OPTICAL DATA

Light source	660 nm red LED
Photo sensor	2K element CCD
Scan ratio	200 scans per sec.
Reading angle	• Pitch: -6 - 0°, 0 - +6° • Skew: -30 - -10°, +10 - +30° • Ratio: -10 - 0, 0 - +10°
Focus (Focal distance)	35.4 mm before window
Curvature	R>20 (EAN-8) / R>30 (EAN-13)
Reader width	• 80 mm / 3.15" (Res. 0.2, PCS 0.6, focal distance) • 60 mm / 2.36" (Res. 0.2, PCS 0.45, focal distance ±3 mm)
Min. resolution at PCS 0.9	0.15 mm (6 mil) (PCS 0.9 binary code) • 0.26 mm (10,2 mil) (PCS 0.9 Multi level code)
Minimum PCS value	0.45
Depth of field	By PCS 0.9, code 39 • 24 mm - 60 mm / 0.94" - 2.36" (Res. 1.00) • 20 mm - 50 mm / 0.78" - 1.96" (Res. 0.50) • 20 mm - 44 mm / 0.78" - 1.73" (Res. 0.25) • 22 mm - 40 mm / 0.86" - 1.57" (Res. 0.15)

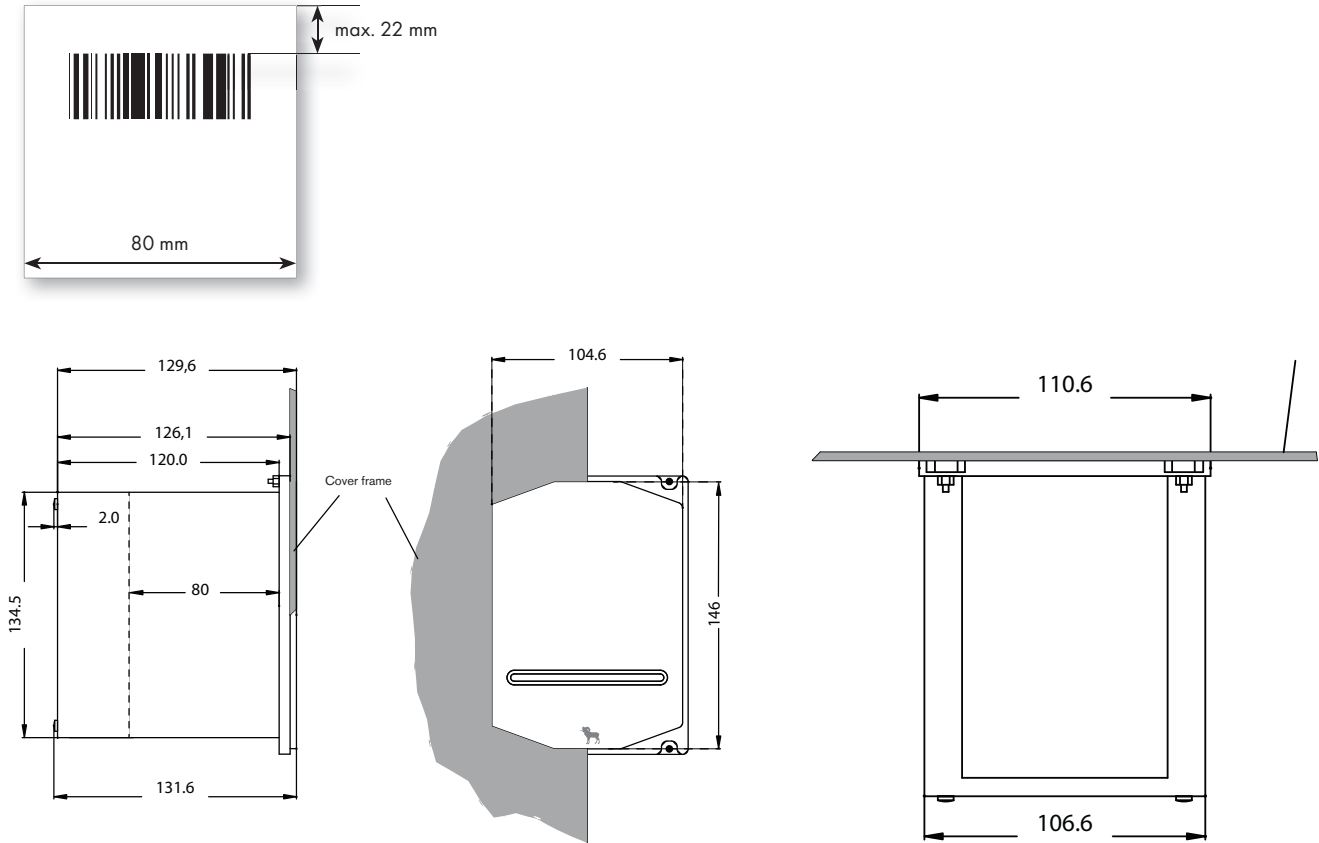
Environmental influences

Temperature	• in use: 0 to +45°C • in storage: -10 to +60°C
Humidity	• in use: 20% - 80% (non-condensing) • in storage: 20% - 90% (non-condensing)
IP protection class	55

AP HARDWARE DETAILS

Beeper	Piezo
Main network	RS485 - RS232
Inputs	4 (optically separated)
Relays outputs	1 (programmable as NO or NC)
Display	display connector for LCD 4 x 20 with character height 5 mm
Mounting	 <p>1. build-in box 2. build-on box 3. both with OctoLine frame finishing</p>
Warranty	2 year
Option	Motorized ticket reader: the valid barcode ticket will be swallowed



► DIMENSIONS

Supported barcode symbologies

• UPC-A	• Code 39 Italian Pharma	• IATA
• UPC-E	• Tri-Optic	• MSI/Plessey with MOD 10 checksum
• EAN-13	• Codabar	• Telepen numeric
• EAN-8	• Industrial 2of5	• UK/Plessey
• Code 39	• Interleaved 2of5	• Code 128
• Code 39 full ASCII	• S-code	• EAN-128

References

Scanner/Swallower + Display RS485:

1-050301-0010-000-000