

# Lemur-X



## General

<b>Print Method:</b>	Direct Thermal
<b>PrintSpeed:</b>	8" per second maximum
<b>Resolution:</b>	203 dpi (8 dots/mm); 300 dpi (premium upgrade)
<b>Size:</b>	8,89H x 11W x 14L cm (3.5H x 4.32W x 5.5L")
<b>Weight:</b>	0,8kg (1.8 lbs.) <i>excluding power supply</i>

## Media Transport

<b>Media Type:</b>	Roll or fanfold
<b>Ticket Thickness:</b>	.003" to .008"
<b>Ticket Width:</b>	2.0" to 3.25" or 1" to 2"
<b>Positioning:</b>	optical detector senses black mark at 1.5" from ticket edge
<b>Ticket Separation:</b>	cutter

## Interfaces

<b>Standard:</b>	Serial and USB
<b>Optional:</b>	Ethernet, Bluetooth & Wi-Fi

## Protocols

<b>Standard:</b>	FGL
<b>Optional:</b>	Windows, Mac and Linux

## Approvals

<b>Designed to meet:</b>	UL / FCC / CE / CCC
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## RFID (optional)

ISO14443, ISO15693, UHF. Others available upon request

## Power Requirements

100-240 VAC, 50/60 Hz, 65W max - Amp max  
24 V DC, 2.5 Amp max

## Environmental

<b>Operating Temperature:</b>	-20° to 60°C*
<b>Relative Humidity:</b>	10% to 90%
<b>Storage Temperature:</b>	-40 to 70°C

above specs without condensation

## Bar Codes

Most 1D and 2D codes including PDF417 DataMatrix, QR, Aztec  
Full speed printing of picket fence and ladder bar codes

## Fonts

<b>Resident fonts:</b>	16 bitmapped fonts (including Cyrillic and German characters) and Asian character sets (optional)
<b>Downloadable fonts:</b>	HP Soft fonts / TrueType fonts
<b>Downloadable RAM:</b>	up to 27MB
<b>Downloadable Flash:</b>	up to 12MB (optional)

## Graphics

FGL format, PCX format (1bit b/w), BMP format (1bit b/w)

## Web Interface- Ethernet only

Real-time status monitor and email notification

## Projected Life Time

<b>Cutter:</b>	1 million cuts
<b>Print Head:</b>	100 km of paper or 100 million dot activations

## Warranty

All units -1 year, parts and labour. Print head - 90 days  
**Life time print head warranty when using exclusively our tickets**

## Patents

BOCA has a patented head protection system that prevents premature head failure