

# Beacon Receiver BR-400L

# iNetVu®

by C-COM Satellite Systems Inc.

## TECHNICAL SPECIFICATIONS

The iNetVu® BR-400L 19" rack mount Beacon Receiver is a high performance unit designed to track the power density of a satellite beacon in real time. It supplies a DC voltage output that is linearly proportional to the strength of the beacon signal. The BR-400L has been specifically designed to work seamlessly with all iNetVu® controllers and antenna platforms.



### System

Input Frequency	950 - 2200 MHz
Pre-detection Bandwidth	±100kHz
Input Power Level	- 105 dBm (Min.) to -20 dBm (Max.)
Frequency Tuning	10 KHz steps
Threshold	C/N <sub>0</sub> ≤ 40 dBc/Hz
Input Impedance	75 Ohm (Optional 50 Ohm) <sup>(1)</sup>
Input Connector	Type F, Female STD (N-type Female Optional)
Frequency Stability	± 1.0 ppm
AGC Voltage	0 to +10 VDC
Signal Stability	≤ 0.2dB
Phase Noise	-97 dBc/Hz@10kHz
M & C	RS-232 @ 19200BPS
M & C Connector	DB-9, Male
Locking/Capture Time	4ms (Typical)
Streaming	DB-9, Female, (optional)

### Environmental

Operating Temperature	-20° to +60° C
Storage Temperature	-40° to +80° C
Humidity	90% RH non-condensing

### Physical

Size	4.5 cm (1.75") H; 34 cm (13.5") D 48 cm (19") W
Weight	5 kg (11lbs)
Primary Power	100-240 VAC 50/60Hz, 6.5A Autosensing
Power Consumption	≤ 2.5W

### Certification

Complies with FCC Part 15 Class B, EN 55022 Class B  
CE Approvals for Emission & Immunity Standards

### Shipping dimensions

Receiver box:  
54 cm x 44 cm x 20 cm (21" x 17" x 8"), 6.3 kg (14 lbs)

**Note:** <sup>(1)</sup> For 50 Ohm/N-Type please order BR-400L-50 (SMA Type is also available)

