

# BLINKERBEAM<sup>®</sup> WIRELESS RADIO

## SPECIFICATIONS

<b>POWER</b>	6V and 12VDC with power indicator light
<b>INPUT</b>	1 digital input, micro USB
<b>OUTPUTS</b>	2 digital output lines, host serial lines for over the air serial
<b>PROGRAMMABILITY</b>	Locally using USB port or front-mounted joystick
<b>BACKLIT LCD DISPLAY</b>	4 lines at 21 characters per line
<b>RF TRANSMISSION POWER MODES</b>	3 levels available: 1W (30dBm), 250mW (24dBm), 86.3mW (19.4dBm)
<b>CONNECTIVITY</b>	Up to 16 devices on one network
<b>FREQUENCY</b>	License free 900 MHz frequency hopping spread spectrum with 10 different RF patterns to prevent interference between collocated radio systems
<b>RANGE</b>	900 feet standard or longer with optional antennas
<b>SERIAL DATA RATE</b>	19,200Baud
<b>STATUS LEDS</b>	Red, green, yellow, amber
<b>FCC ID</b>	2ANWN-02ANWN  1. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment  2. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
<b>FCC COMPLIANT</b>	<b>NOTE:</b> This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment
<b>AVAILABLE ANTENNAS</b>	3dBi Omni Whip - RPSMA 4dBi Omni low profile 6dBi Omni - fiberglass 10.64dBi yagi
<b>OPERATING TEMPERATURE</b>	-40°F to 176°F (-40°C to 80°C); less than 90% relative humidity
<b>DIMENSIONS</b>	3.2"W x 3.7"H x 2.5"D

