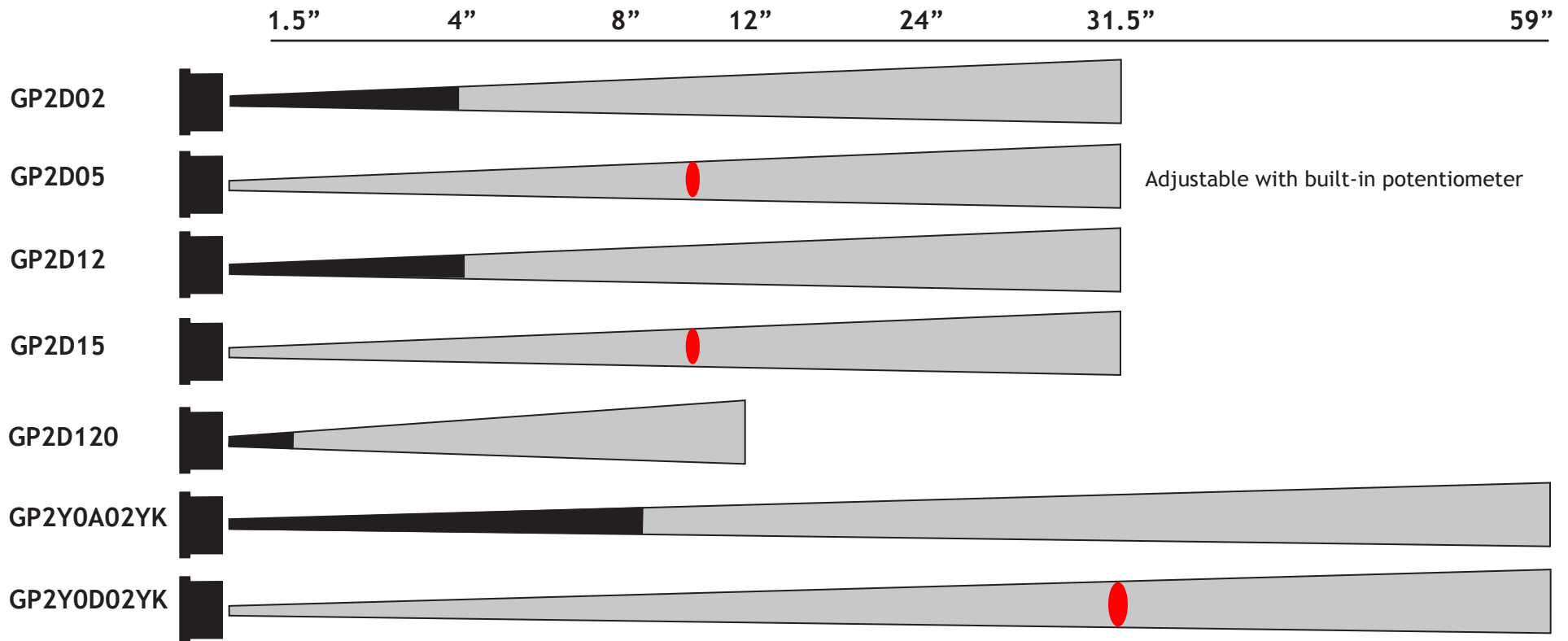


Acroname Quick Comparison Chart for Sharp IR Rangers

Ranger	Output	Minimum Distance	Maximum Distance	On Current	Off Current
GP2D02	Serial	10cm	80cm	~22mA	~3mA
GP2D05	Digital	-	fixed at 24cm	~10mA	~3mA
GP2D12	Analog	10cm	80cm	~33mA	always on
GP2D15	Digital	-	fixed at 24cm±3cm	~33mA	always on
GP2D120	Analog	4cm	30cm	~33mA	always on
GP2Y0A02YK	Analog	20cm	150cm	~33mA	always on
GP2Y0D02YK	Digital	-	fixed at 80cm	~33mA	always on



The end of the black notes the minimum detectable range. The end of the grey notes the maximum range. The red oval notes a fixed range. Objects closer than the noted minimum range will give incorrect readings. For more information please see the product page for each sensor, and checkout *Demystifying the Sharp IR Detectors* in our articles section.

Minimum Range Maximum Range Fixed Range

