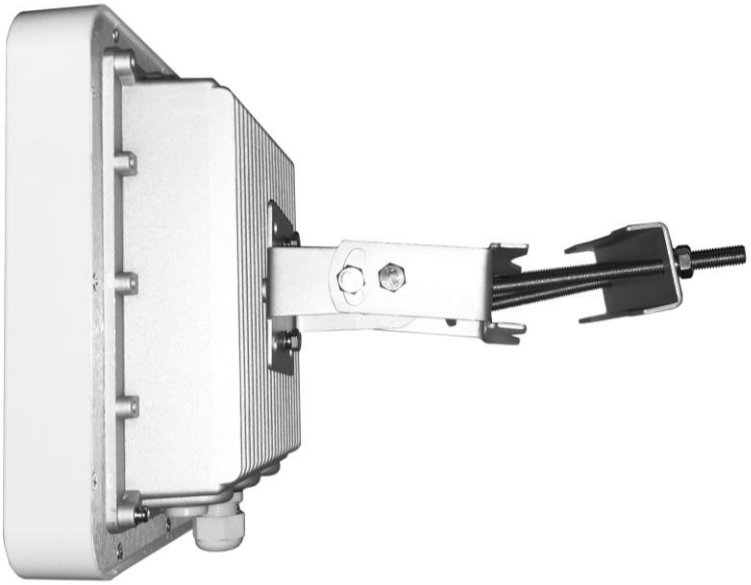
Model SPR/A10 Single Piece Reader/Antenna – 9dBi - 865.5 to 928 MHz UHF



Physical & Electrical:	Dimensions (Housing Only)	10.15" x 10.15" x 3.82"	258mm x 258mm x 97mm
	Weight (w/o mounting brackets)	4 lb.	1.8 kg
	Antenna Front Body	Radome, ABS w/UV Protection	Aluminum Back Plate
	Reader Rear Body	Aluminum	Bottom Cable Gland
	Voltage & Draw	8vdc to 28vdc	1.2 Amps

Read Range:	Up to 17 meters, Tag dependent

Certifications:	RoHS, CE, FCC US: FCC-OET Bulletin 65 Supplement 'C'
	EPC Gen-2 ISO 18000-6 Standard

Antenna RF:	C denotes Circular Polarized H denotes Horizontal Polarized V denotes Vertical Polarized
	Gain = 9dBi Horizontal Beam Width 68° Vertical Beam Width 65°
Reader RF:	902-928 MHz North America 865.5-867.5 MHz Europe & others
	FHSS (Frequency Hopping Spread Spectrum)
	RSSI (Relative Signal Strength Indicator) to report only nearest Tag
	Up to 4W (30 DBM) TPO (Total Power Output)
	Reader DBM can be lowered through software command to adjust range

Extras:	Relay (pins internal) 60VADC @ 350mA (NO) and Loop Detector (Input)
	Adjustable Internal Beeper

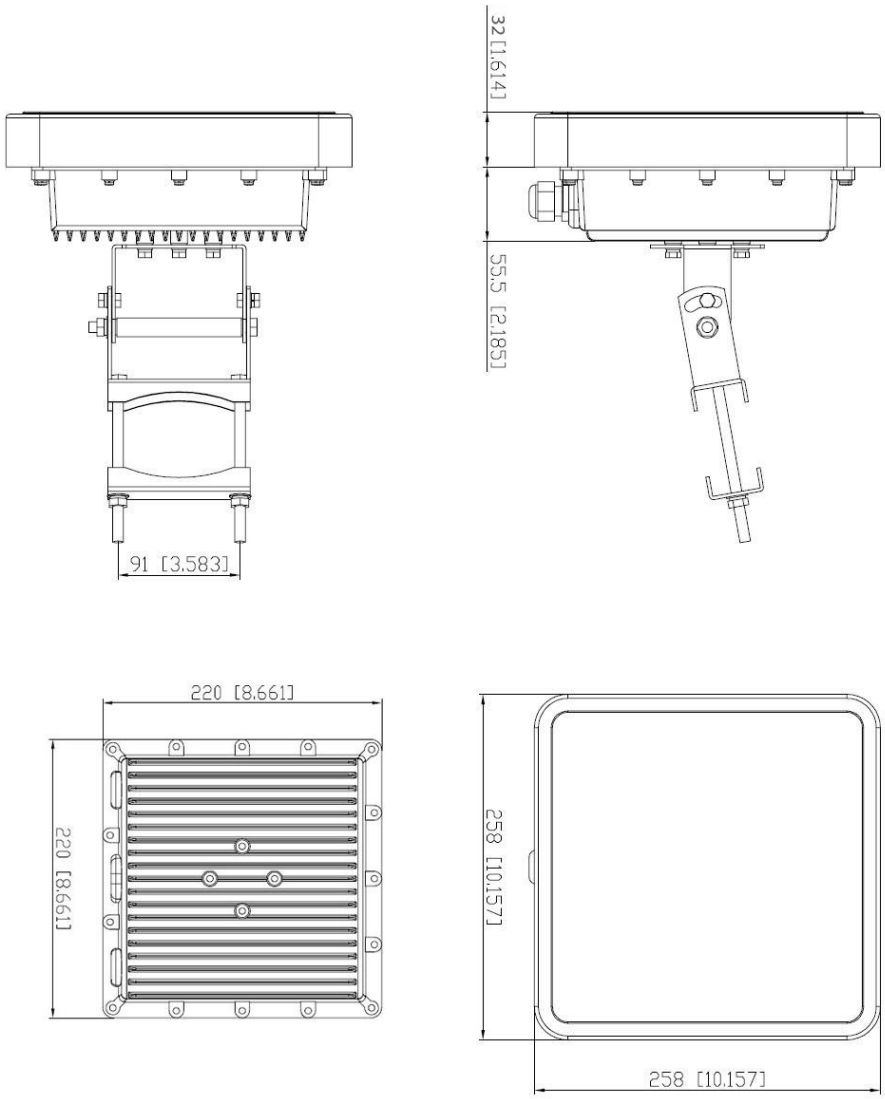
Environmental:	Temperature, Storage:	-67° to +185°F	-55° to +85°C
	Temperature, Operating:	-40° to +131°F	-40° to +55°C
	Ingress Protection:	IP65 to IP68*	*Silicon applied at connectors

Comms:	Standard on all models:	USB and Serial	(default 115.2k, 8, 1, N)
	Allen Bradley:	Ethernet/IP	
	Siemens:	Profibus	PROFINET
	Modicon:	Modbus RTU	ModbusTCP
	Other:	TCPIP Ethernet	Wiegand

UHF Readers Made in the U.S.A.

Single Piece Reader/Antenna Part Numbers

Model Number	Part Number	Description
Choose C, V or H	Choose C, V, or H	
SPR/A10-8010E-9C/V/H	818-8010-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., Wiegand/USB/Serial, 9dBi
SPR/A10-8030E-9C/V/H	818-8030-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., Serial/USB, 9dBi
SPR/A10-8040E-9C/V/H	818-8040-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., Ethernet/IP/USB/Serial, 9dBi
SPR/A10-8050E-9C/V/H	818-8050-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., TCPIP/USB/Serial, 9dBi
SPR/A10-8070E-9C/V/H	818-8070-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., Profibus/USB/Serial, 9dBi
SPR/A10-8075E-9C/V/H	818-8075-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., PROFINET/USB/Serial, 9dBi
SPR/A10-8080E-9C/V/H	818-8080-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., ModbusTCP/USB/Serial, 9dBi
SPR/A10-8085E-9C/V/H	818-8085-10-9C/V/H	Single Piece Reader/Antenna combo, 10" sq., Modbus RTU/USB/Serial, 9dBi




UHF
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UHF Readers Made in the U.S.A.