

# Model HF-3020 OEM 13.56 MHz Reader

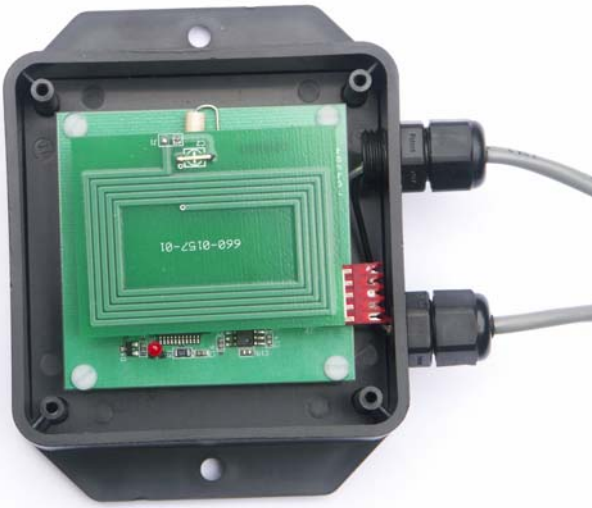
- ISO 15693 and 14443A/B from a single Reader
- Automatically detects Tag type and reads UID
- RS232
- Power LED
- Read LED
- Single or Duplicate Report or Polling Read Modes

Supply Voltage +7vdc to +24vdc  
 Current 110mA at 7vdc, 40mA at 24vdc

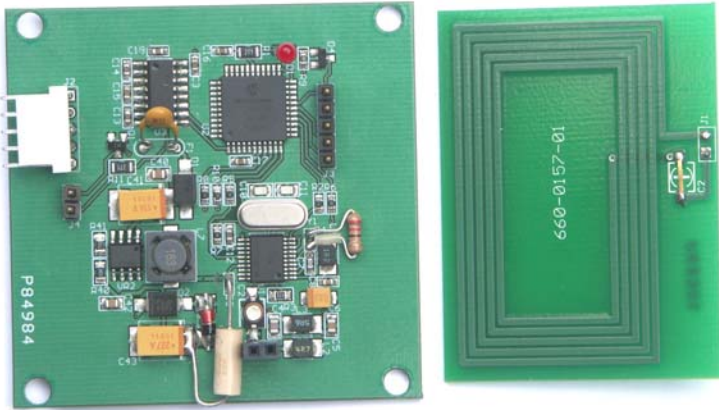
Reader Dimensions 2.5" x 2.375" (62mm x 60mm)  
 Antenna Dimensions 2.25" x 1.6875" (56mm x 43mm)

RS232 Cable 9 pin female D-sub or pigtails  
 Power Cable Quick connect or pigtails  
 RS232 Comms 9600, 8, N, 1, None

Operating Temp -40c to +55c (-40F to +131F)  
 Storage Temp -55c to +85c (-67F to +185F)  
 Approvals CE, UL, FCC  
 Humidity 95% non-condensing



Reader Mounted in Housing (lid not shown)



Reader PCB Reader Antenna

Manufacturer	Tag Chip	Memory	ISO Protocol	Supported	
ATMEL	AT88RF020	2k	14443B	Yes	
	AT88SC0404CRF	4k	14443B	Yes	
	AT88SC0204CRF	2k	14443B	Yes	
	AT88SC0104CRF	1k	14443B	Yes	
	AT88SC3216CRF	32k	14443B	Yes	
	AT88SC1616CRF	16k	14443B	Yes	
	AT88SC0808CRF	8k	14443B	Yes	
EM	AT88SC6416CRF	64k	14443B	Yes	
	EM4135	2.4K	15693	Yes	
	EM4233	2k	15693	Yes	
	Fujitsu	MB89R118	2kbyte	15693	Yes
		MB89R119	2k	15693	Yes
	Infineon	my-d SRF55V01P	576bit	15693	Yes
		my-d SRF55V02P	2.5k	15693	Yes
my-d SRF55V02P HC		2.5k	15693	Yes	
my-d SRF55V02S		2.5k	15693	Yes	
my-d SRF55V10P		10k	15693	Yes	
my-d SRF55V10P HC		10k	15693	Yes	
my-d SRF55V10S		10k	15693	Yes	
SLE66R35		1k	14443A	Yes	
Inside		PicoTag	2k	Proprietary	No
Philips NXP	Desfire	8k	14443A	Yes	
	ICODE SL1	512bit	Proprietary	No	
	ICODE SLI SL2	1k	15693	Yes	
	Mifare Ultralight MF0ICU1	512bit	14443A	Yes	
	Mifare MF1ICS20	320byte	14443A	Yes	
	Mifare MF1ICS50	1kbyte	14443A	Yes	
	Mifare MF1ICS70	4kbyte	14443A	Yes	
STM	LRI512	512bit	15693	Yes	
	SR176	176bit	14443B	Yes	
TagSys	C370	896bit	15693	Yes	
	C370S	1280bit	15693	Yes	
	C440	96bit	Proprietary	No	
TI	Tag It HF	256bit	Proprietary	No	
	Tag it HF I Standard	256bit	15693	Yes	
	Tag It HF I Plus	2k	15693	Yes	

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