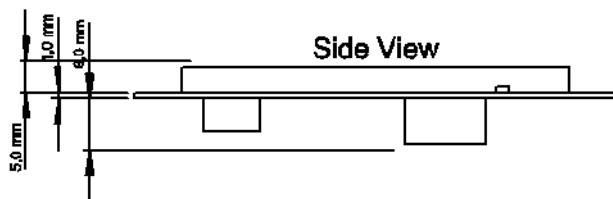
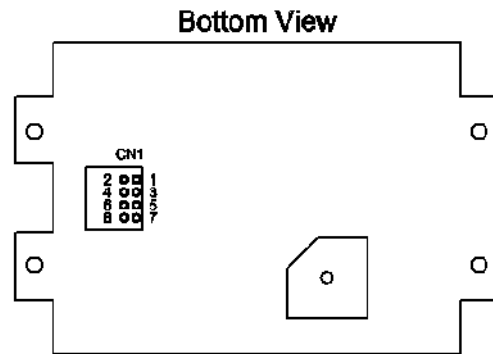
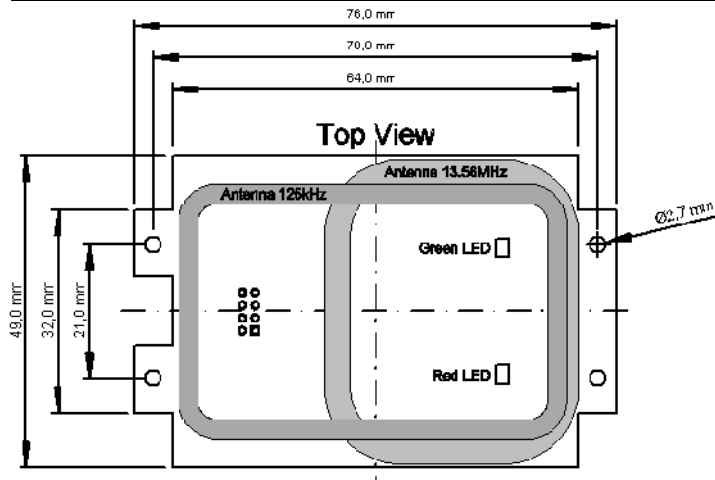


USB Multiplex 125kHz/13.56MHz

Technical Data

	HID PROX	125kHz	Inditag	Mifare	MultiISO	HID iCLASS	Legic
Housing	Material ABS, color black or white						
Frequency	125 kHz			13,56 MHz			
Dimensions	88mm x 56mm x 18mm						
Power Supply	5V ± 10% via communication cable						
Supply Current	140mA	220mA	220mA	120mA	N/A	220mA	280mA
Temperature Range	Storage: -45°C up to + 85°C (-49°F up to 185°F) Operating: -25°C up to +80°C (-13°F up to 176°F)						
Antenna	Aircoil			PCB Aircoil			
Read-/Write Distance	Up to 10cm (depending on transponder)						
Supported Transponders	HID PROX	EM410x, HITAG-1, HITAG-2, HITAG-S, EM4150, T5567, Q5	Indala	Mifare Ultralight, Mifare 1k, Mifare 4k Mifare DESfire	Mifare ISO14443A ISO14443B ISO15693	HID iCLASS	Legic Prime, Legic Advant



Connector CN1*	
Pin	Signal
1	USB Supply Ground (black Wire)
2	USB Data+ (green Wire)
3	USB Supply 5V (red Wire)
4	USB Data- (white Wire)
5	V24 Rx/D (Input)
6	J2-1**
7	V24 Tx/D (Output)
8	J2-2**

* Hirose DF11 series, 2mm pitch

** V24 operation is achieved by either cycling jumper J2 on the PCB or by connecting pin 6 and pin 8 of CN1.