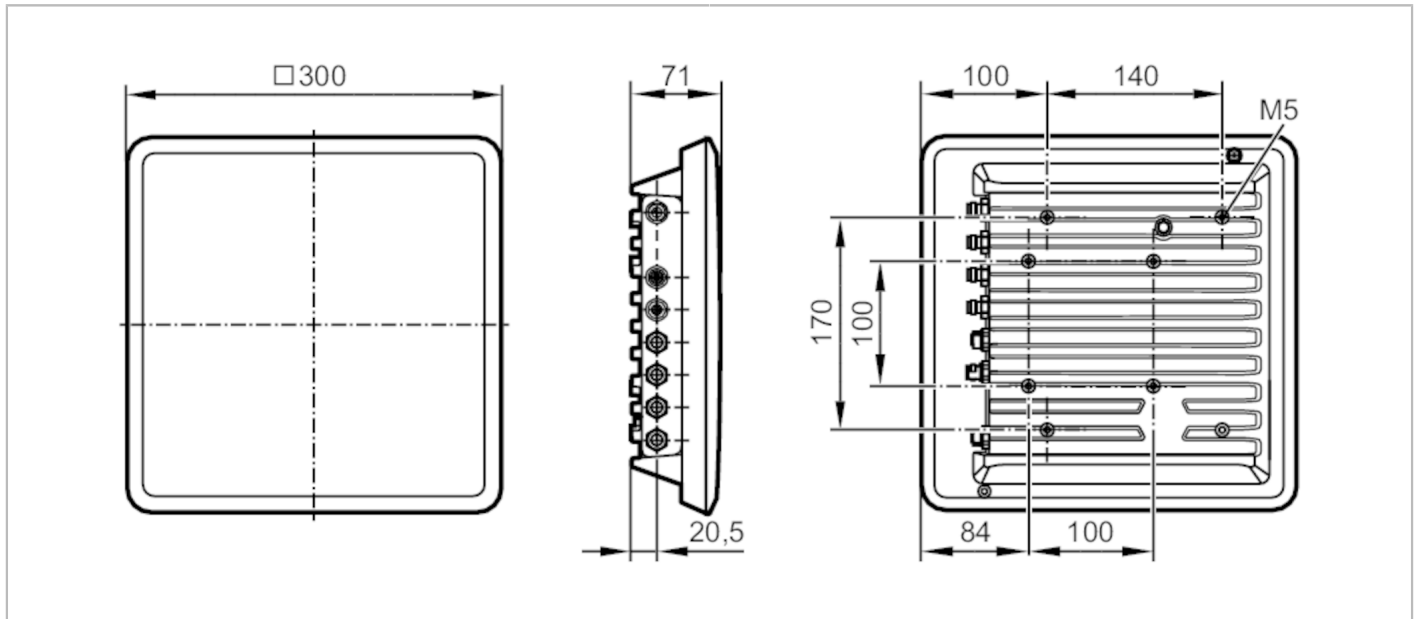


# DTE930



## RFID evaluation unit UHF

DTEUHFEA\_ABRWETUSTN04




Application	
Radio approval for	USA; Canada; Australia; Singapore; Malaysia; Indonesia; Mexico; South Africa
Electrical data	
Operating voltage [V]	24 DC
Current consumption [mA]	700
Operating frequency [MHz]	902...928 (FCC), 920...926 (ACMA), 920...923 (SDPPI) max. 400 mW EIRP, 919...923 (SIRIM), 920...925 (IMDA), 915,3...920,9 (ICASA)
Antenna connections	4; (TNC Reverse)
RFID standard	EPC Class1 GEN2/ISO 18000-6C
Transmission power ERP [mW]	2000; (parameterizable in steps: 1 dB 50mW ... 2W)
Impedance [ $\Omega$ ]	50
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4
Inputs	
Number of digital inputs	4
Outputs	
Number of digital outputs	4
Max. current load per output [mA]	500; (max.)
Monitoring range	
RSSI threshold	adjustable via software
Interfaces	
Communication interface	Ethernet
Ethernet - EtherNet/IP	
Protocol	EtherNet/IP
Usage type	Data transmission

# DTE930



## RFID evaluation unit UHF

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Ethernet - TCP/IP		
Protocol	TCP/IP	
Usage type	Parameter setting; Data transmission	
Operating conditions		
Ambient temperature [°C]	-20...55	
Storage temperature [°C]	-40...85	
Protection	IP 67	
Tests / approvals		
Radio approval	FCC Part15	
UL approval	Ta	-20...60 °C
	Enclosure type	IP67
	voltage supply	SELV
	File number UL	E347020
Mechanical data		
Weight [g]	3417.8	
Dimensions [mm]	300 x 300 x 71	
Material	housing: aluminum; Protective cover: plastics; TNC socket: brass / PTFE; connector: brass / plastics	
Displays / operating elements		
Display	Power	1 x LED, yellow/green
		4 x LED, multi-color programmable
Acoustic signal		buzzer
Remarks		
Pack quantity		1 pcs.
Electrical connection - Ethernet		
Connector: 1 x M12; coding: X		
		
LAN		
1		TX+
2		TX-
3		RX+
4		RX-
PoE+		
1		TX+ / PoE+1
2		TX- / PoE+1
3		RX+ / PoE+2
4		RX- / PoE+2
5		PoE+1
6		PoE+1
7		PoE+2
8		PoE+2

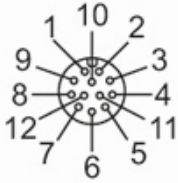


## RFID evaluation unit UHF

DTEUHFEA\_ABRWETUSTN04

### Electrical connection - inputs / outputs

Connector: 1 x M12



### GPIO

1	OUT_CMN
2	OUTPUT_1
3	INPUT_3
4	INPUT_CMN
5	INPUT_1
6	GND
7	UB
8	OUTPUT_4
9	OUTPUT_3
10	OUTPUT_2
11	INPUT_2
12	INPUT_4

### Electrical connection - voltage supply

Connector: 1 x M12; coding: A



### Power Supply

1	+24V DC
2	GND
3	GND
4	+24V DC