

**13.56 MHz RFID read write unit for stationary applications**

This RFID read/write module with USB interface gives best opportunities for office applications. It enables closed coupling data capture for personal time management, asset management, process control and facilitates every day work flow in the office. With the DESKTOPsmart most of all established transponders and cards in 13.56 MHz technology can be read and written.

microsensys can support you in your RFID solution from transponder up to customized software tools.



picture: prototype

**Transponder Systems:** iID<sup>®</sup>-3000PRO ISO 15693 and 14443 customized

**Chip Solutions:** I-CODE<sup>®</sup>, Tag-it<sup>®</sup>, my-D<sup>®</sup>, iID<sup>®</sup>M, iID<sup>®</sup>G, TELID<sup>®</sup>200, TELID<sup>®</sup>300  
others on request: Ario<sup>®</sup>, Mifare<sup>®</sup> ultra light, EPC, TELID<sup>®</sup>315 and more

**Basics:** RFID HF read write unit closed coupling  
USB interface  
flashable iID operating system

**RFID Air Interfaces:** 13.56 MHz closed coupling range, no anticollision  
**Operating Distance:** 0 ... 30 mm dependent on transponder type  
**Reader Antenna:** A18

Product Code:	35.29.650	35.29.651
<b>Transponder System:</b>	iID <sup>®</sup> -3000PRO	iID <sup>®</sup> -3000PRO
<b>Antenna:</b>	A18	A18
<b>Additional Transponders:</b>	-	on request

**HOST Interface:** USB type 1.1  
**Supply Current:** active: 100 mA  
idle: 10 mA  
sleep: <2 mA  
self controlled internal power down (after 80ms from active to idle)

**Case Material:** transparent plastic PLEXIGLAS<sup>®</sup> XT with aluminium border  
**Size:** approximately 88 x 68 x 12 mm<sup>3</sup>

**Operation Temperature:** 0°C ... +45°C  
**Storage Temperature:** -25°C ... +70°C

**Emissions:** examine for EN 300330  
**Protection Class:** IP 53

**Software Interface:** iID<sup>®</sup> 3000PRO driver engine for Windows 98, 2000, XP

**Marking:** on transparent case: iID<sup>®</sup> DESKTOP  
on metal border: microsensys<sup>®</sup> logo standard, customized logo possible

**Accessories:** USB cable