PRODUCT DATASHEET

iID® Read Write Interfaces

iID® module IT-G600 BL

13.56 MHz LEGIC Prime/Advant (plus Mifare) integrated RF module for *CASIO IT-G600 handheld devices*

microsensys integrates the proven iID® contactless RFID reader modules to CASIO's IT-G600 handheld. iID® module IT-G600 BL supports a wide range of HF transponders including LEGIC™ Prime and Advant as well as mifare Classic and DESFire. The device is optimized for low power handheld applications, combined with a smart form factor.

microsensys offers an attractive component platform for RFID solutions – from transponder over smart readers up to practical software tools.

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This data sheet is subject to change.
contact microsensys for latest information   iID module IT-G600 BL-01.

RFID Technology:	closed coupling RFID system LEGIC®4000
Standards:	ISO 15693, ISO 14443
Chip Solutions:	LEGICadvant®, LEGICprime®, I-CODE®, Tag-it®, my-D®, iID®M
	Mifare® classic/UL, Mifare® DESfire *, inside, Sony Felica
	*) type SM-4xxxM
Basics:	short range read/write unit, supports cryptographic functions, reader OS upgrade
	requires de-activated IT-G600 NFC interface
RFID Air Interface:	13.56MHz RFID
Operating Distance:	0 ... 50 mm depending on transponder type and metal environment
Reader Antenna:	reader integrated printed antenna
Field Orientation:	device bottom and back side
HOST Interface:	CASIO IT-G600 extension interface
Host device:	CASIO IT-G600/IT-G650 handheld device
Connector:	CASIO IT-G600 extension connector, integrated
Software Interface:	iID® driver engine (Android)
Supported Commands:	see API documentation microsensys iID® (mobile) driver engine
	LEGIC® command structure
Operation Modes:	OFF, IDLE, ACTIVE
Control:	HOST controlled
Power Supply:	CASIO IT-G600, low noise, stabilized
Power Consumption:	IDLE typ. 25mA, ACTIVE typ. 150mA
Device Size:	approximately 30 mm x 20 mm x 7 mm
Case:	epoxy packaged electronic board module, no extra housing
Operation Temperature:	-20°C ... +65°C
Storage Temperature:	-25°C ... +70°C
Emissions:	examine for EN 300330
Protection Class:	none (electronic module only)
	IP67 when mounted under IT-G600 connector protection cover

Type :	27.64.580.00	27.64.586.00*
Chipset:	SM-4000	SM-4000M
Version / Review:	-	-
Software Interface :	iID® mobile driver engine (Android)	iID® mobile driver engine (Android)
Special secure chip support:	LEGIC™ Prime, Advant	LEGIC™ Prime, Advant, NXP Mifare UL, Classic, DESFire

*) In development or on request