

eSEAL 30D:

M500 Specification

BSMART Access Terminal (b'AT) is a state of art integrated telematics terminal that empowered by Front End Intelligent (FEI) Technology, a comprehensive embedded technology with necessary artificial intelligence to mimic human intelligence in decision-making for quicker response, better accuracy and less dependence on a backend server.

Designed By: BSMART Technology Sdn Bhd

Model No.: **eSEAL 30D**

Country of Manufacture: CHINA

Processor

Processor Type 52MHz Processor and integrated 104MHz DSP-core

Working Voltage

Vin 5V~65V @ 12000mA

Memory

Working Storage 64Mbits NOR Flash + 32Mbits SRAM

Positioning Capabilities

GPS Receiver L1 frequency, C/A code

GPS Channels 50

Position Accuracy 3.5m (CEP)

Solution Update Rate 1-5Hz

Satellite Re-acquisition Time 100ms

Cold/Warm/Hot/Snap Start 40s/40s/8s/3s

Minimum Signal Acquisition and Tracking -148dBm and -160dBm

Maximum Velocity < 1,000knots

Maximum Altitude < 50,000m

Mobility Capabilities

Cellular Technology GSM

Frequency Band Dual band EGSM900/GSM1800 or EGSM850/GSM1900

Transmit Power Class 4 (2W@850/900MHz),

Class 1 (1W@1800/1900MHz)

Messaging Type Voice, SMS, Data

GPRS Features Class 12,

Coding Schemes: Coding Schemes: CS1 to CS4,

Support PBCCH