

ECG Unit

Leads:

12 standard leads

A/D Converter:

24 bits

Time Constant:

≥3.2s

Sampling Frequency:

16000 Hz

Input Impedance:

≥50MΩ (10Hz)

Input Voltage Range:

≤±5 mVpp

CMRR:

≥140dB (AC: On)

Acquisition Mode:

simultaneously 12 leads

Resolution:

0.1575 μV/LSB

Frequency Response:

0.01Hz ~ 300Hz (-3dB)

Gain:

2.5, 5, 10, 20, 10/5, AGC (mm/mV)

Input Circuit Current:

≤0.01μA

Calibration Voltage:

1mV±3%

Pacemaker

Amplitude:

±2 to ±700 mV

Sample Frequency

16,000/sec/channel

Width:

0.1ms ~ 2.0ms

Filter

AC Filter:

On/Off (50/60Hz)

EMG Filter:

Off/25Hz/35Hz/45Hz

DFT Filter:

0.01Hz, 0.05Hz, 0.32Hz, or 0.67Hz

LOWPASS Filter:

300Hz / 270Hz / 150Hz / 100Hz / 75Hz

Data Transmission

Report Format:

DAT, PDF, SCP, FDA-XML, DICOM

Data Management System:

SE-1515 Data Management System, bi-directional communication

Data Storage:

800 ECGs

Data Transmission:

Wi-Fi, Ethernet, RS232, 4G Network

HIS connection

DICOM Worklist/DICOM Storage/HL7

Wi-Fi

Transmitting Frequency:

2.4GHz

Frequency Band:

2.400-2.500GHz (2.4 GHz ISM band)

Modulation Type:

OFDM with BPSK, QPSK, 16-QAM, and
64-QAM
802.11b with CCK and DSSS

Transmitting Power:

17 dBm for 802.11b DSSS
17 dBm for 802.11b CCK
15 dBm for 802.11g/n OFDM

4G (Optional)**Bands**

FDD LTE: Band 1, Band 2, Band 3, Band
4, Band 5, Band 7, Band 8, Band 20, all
bands with diversity
WCDMA/HSDPA/HSUPA/HSPA+: Band
1, Band 2, Band 5, Band 8, all bands with
diversity
GSM/GPRS/EDGE: 850
MHz/900MHz/1800 MHz/1900MHz

Rate

GPRS: UL 85.6 kbit/s; DL 85.6 kbit/s
EDGE: UL 236.8 kbit/s; DL 236.8 kbit/s
WCDMA CS: UL 64 kbit/s; DL 64 kbit/s
WCDMA PS: UL 384 kbit/s; DL 384 kbit/s
HSPA+: UL 5.76 Mbit/s; DL 21.6 Mbit/s
DC-HSPA+: UL 5.76 Mbit/s; DL 42 Mbit/s
LTE FDD: UL 50 Mbit/s; DL 150 Mbit/s@20M BW cat4

Safety Specifications**Comply with:**

IEC 60601-1:2005/A1:2012
EN 60601-1:2006/A1:2013
IEC 60601-1-2: 2014
EN 60601-1-2: 2015
IEC/EN 60601-2-25

Anti-electric-shock type:

Class I with internal power supply

Patient Leakage Current:

NC <10 μ A (AC) / <10 μ A (DC)
SFC <50 μ A (AC) / <50 μ A (DC)

Patient Auxiliary Current

NC <10 μ A (AC) / <10 μ A (DC)
SFC <50 μ A (AC) / <50 μ A (DC)

Anti-electric-shock degree:

CF type with defibrillation-proof

Environment Specifications**Temperature:**

Transport & Storage: -20°C (-4°F) ~
+55°C (+131°F)
Working: +5°C (+41°F) ~ +40°C (+104°F)

Relative Humidity:

Transport & Storage: 15%~95% Non-Condensing
Working: 15%~95% Non-Condensing

Atmospheric Pressure:

Transport & Storage: 70kPa ~106kPa
Working: 86kPa ~106kPa