

QUANTIEN™

Integrated FFR Platform



SPECIFICATIONS

HEIGHT X DEPTH X WIDTH

Main Unit: 260 x 100 x 375 mm
 Shipment box: 393 x 170 x 493 mm

SCREEN SIZE

Touch screen size: 14.1 inch

WEIGHT

With transformer: 4.8 kg incl. PSU, PWI and PWI cable

OPERATING VOLTAGE

100-240VAC 50/60Hz

ENVIRONMENT

Operating temperature: 15 °C to 35 °C (59 °F to 95 °F)
 Relative humidity, operating: 30 % - 75 %
 Ambient pressure, operating: 525-795 mmHg (700-1060 mbar)

COOLING SYSTEM

Passive, no fan

ETHERNET

Type: 10/100 Mbit/s
 Connector: RJ45

VIDEO OUT

Frequency: 60Hz
 Resolution: 1280x800
 Connector: DVI-I (integrated - digital and analog)

USB

Number: 1
 Version: 2.0, supports Hi-speed communication
 Connector: Type A, Receptacle

MOUNTING

VESA : 75x75 mm and 100x100 mm
 Specific mounting brackets available for ordering from St. Jude Medical

AUX 1 IN (AO)

Differential analog input
 Scale factor: Selectable between 50 mmHg/V and 200 mmHg/V
 Range: +/- 10 V
 Isolation: IEC 60601-1 Basic isolation

AUX 2 IN (ECG)

Differential analog input
 Scale factor: 1 mV / V
 Range: ± 10 V
 Isolation: IEC 60601-1 Basic isolation

AUX OUT 1 AND 2

Analog output
 Signal source: Selectable Pa or Pd
 Scale factor: 1 V / 100 mmHg
 Isolation: IEC 60601-1 Basic isolation

PRESSURE SPECIFICATION

Pressure range: -30 to 300 mmHg
 Pressure resolution: 0.2 mmHg
 Frequency response: 0-25 Hz

ACCURACY

Pressurewire: -30 to 300 mmHg
 ± 1 mmHg plus ±1 % reading (over the pressure range -30 to 50 mmHg)
 ± 3 % of reading (over the range 50 to 300 mmHg)

The accuracy is given for the combination of QUANTIEN and PressureWire

AUX IN 1 (AO): ± 1 mmHg or 0.5 %, whichever is greatest
 Wi-Box (AO): ± 1 mmHg or 1 %, whichever is greatest

WIRELESS TRANSMISSION

Frequency: 2.4 GHz ISM band
 Type: Frequency Hopping Spread spectrum (FHSS)

ORDERING INFORMATION

Model/Reorder Number	Description
C12787	QUANTIEN FFR Platform
C12797	QUANTIEN Desktop stand
C12798	QUANTIEN Pole bracket
C12799	QUANTIEN Wall mount

Note: To fasten QUANTIEN bedside with no bedside mounted pole available, order Multipurpose Bracket C12777 and C12798 Pole Bracket.

ATRIAL FIBRILLATION

CARDIAC RHYTHM MANAGEMENT

CARDIOVASCULAR

NEUROMODULATION

Global Headquarters

One St. Jude Medical Drive
St. Paul, Minnesota 55117
USA
+1 651 756 2000
+1 651 756 3301 Fax

Cardiovascular Division

177 East County Road B
St. Paul, Minnesota 55117
USA
+1 651 756 4470
+1 651 756 4466 Fax

St. Jude Medical Systems AB

Box 6350
SE-751 35 Uppsala
Sweden
+46 18 161000
+46 18 161099 Fax

St. Jude Medical Brasil Ltda.

Rua Itapeva, 538
5º ao 8º andar
01332-000 – São Paulo – SP
Brazil
+55 11 5080 5400
+55 11 5080 5423 Fax

SJM Coordination Center BVBA

The Corporate Village
Avenue Da Vincilaan 11 Box F1
B-1935 Zaventem, Belgium
+32 2 774 68 11
+32 2 772 83 84 Fax

St. Jude Medical Japan Co., Ltd.

Shiodome City Center 15F
1-5-2, Higashi-Shinbashi
Minato-ku, Tokyo 105-7115
Japan
+81 3 6255 6370
+81 3 6255 6371 Fax

St. Jude Medical (Hong Kong) Ltd.

Suite 1608, 16/F Exchange Tower
33 Wang Chiu Road
Kowloon Bay, Kowloon
Hong Kong SAR
+852 2996 7688
+852 2956 0622 Fax

St. Jude Medical Australia Pty Ltd.

17 Orion Road
Lane Cove NSW 2066
Australia
+61 2 9936 1200
+61 2 9936 1222 Fax

SJMprofessional.com
SJMknowledgecenter.com



Product referenced is approved for CE mark.

Not available for sale in the U.S. Devices depicted may not be available in all countries. Check with your St. Jude Medical representative for product availability in your country.

Please review the Instructions for Use prior to using these devices for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

Quantien, PressureWire and Aeris are designed, developed and manufactured by St. Jude Medical Systems AB. QUANTIEN, PressureWire, Aeris, ST. JUDE MEDICAL, the nine-squares symbol and MORE CONTROL. LESS RISK. are registered and unregistered trademarks and service marks of St. Jude Medical, Inc. and its related companies.

©2012 St. Jude Medical, Inc. All rights reserved.

IPN 2343-12 Item GMVASC464EN

