

System Requirements

Application	QRdeCODE (Ver. 1.6.0)	QuickMark (Ver. 5.1.2)
OPERATING SYSTEM	iOS 7 to iOS 8	Android 4.1 to Android 4.4

*You may also try other QR Code scanner like Noereader

Camera performance: Read with a camera that has the capability of a camera resolution of 3.2M pixels or more. Tested to operate on the following devices: 3.2M/4M/5M/8M/12M/13M.

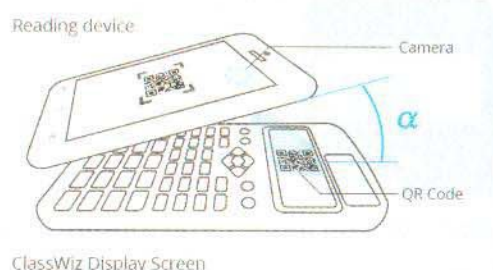
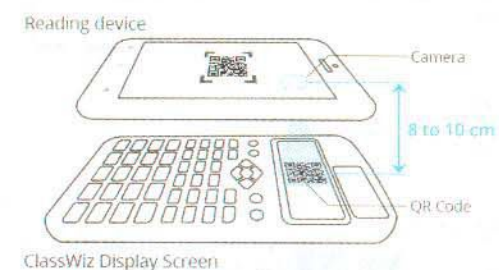
Auto Focus: Read with a model that has a built-in Auto Focus function. Reading the Ver.11 QR Code will not be possible without the Auto Focus.

Video image performance: Read with a device that has a video image performance of more than 480p. Tested to operate on the following devices: 480p/720p/1080p.

Important points to take care during QR Code Scanning

Distance: Read with an 8 to 10 cm distance between the camera and the QR Display Screen. If reading is not possible, move the device up and down and try changing the distance within the parameter of 7 to 15 cm.

Angle: Do not tilt the angle (α) of the reading device and the QR Display Screen to more than 15° . Basically keep α at 0° ; however, if reading is not possible, try changing α within the ranges of 0 to 15° .



Intensity of illumination: Read where there is enough light (more than 200lx). Reading of the QR Code may not be possible if dark.

Reflected glare of light: Read upon being careful of the surrounding environment so that light is not reflected on the QR code. Reading of the QR Code may not be possible if light is reflected.



QR code portal site – <http://wes.casio.com>

Functions:

- Natural textbook display
- Large display screen
- 10+2 Digits, 2 line display
- Statistics
- Integral and Differential Calculus
- Permutation and Combination
- Fraction Calculations
- Base Conversions and Calculations
- Matrix and Vector Calculus
- Complex Number based calculations
- Polynomial Equations based calculations
- Supporting almost 552 different functions
- QR code generation function
- Spreadsheet function

*QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and in other countries.



Comes with slide-on hard case

Only Authorized E-Commerce website: casioindia.com

CASIO CHANNEL PARTNER FOR ENTIRE INDIA- FOR INSTITUTIONAL & CORPORATE SALES

SHREEJI ENGINEERING ENTERPRISES

128, Shiv Krupa Industrial Estate, L.B.S.Marg, Vikroli - (West), Mumbai - 83. E-mail : casio.shreeji@gmail.com

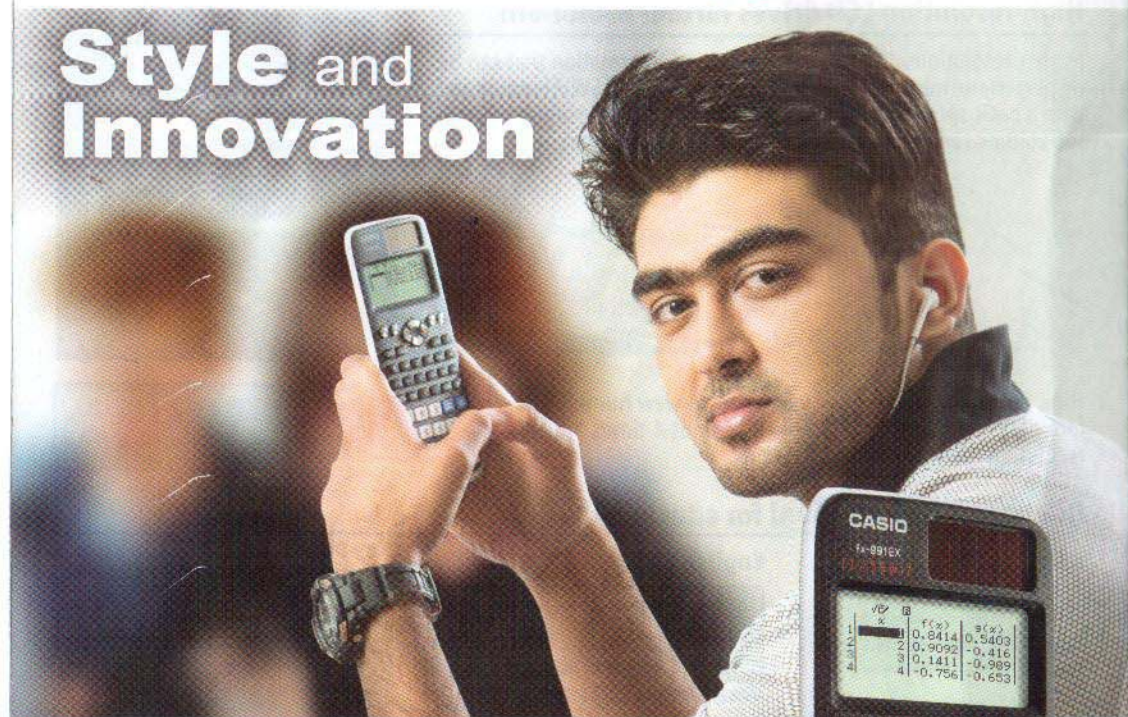
Tel. : 2578 1572, 2577 3858. Cell : 98673 61590. Website : www.ezbuy.co.in

CASIO®

CLASSWIZ

Non-programmable Scientific Calculator

Style and Innovation



Introducing
fx-991EX



QR Code generation*
for online:

- Graphical visualization
- Display Content Copy*¹
- Help guide*²



High-resolution LCD | Slim Design | High Speed Calculation | Great User Interface

*Numerical formulas' data input into the calculator can be converted to Quick Response (QR) code, this QR code can be scanned through smart device which then connects to dedicated website to display Graphs, calculations or quick reference user manual guide. **QR code generated for the calculations done on calculator can be used to view & copy same calculations on smart device for using in reports or assignments. **QR code can be generated to display the calculator's user guide for selected function on a smart device by accessing a dedicated web site.

CASIO INDIA CO., PVT. LTD.

<http://edu.casio.com/>

CLASSWIZ — A New Classroom Standard Created from High-resolution LCD Technology

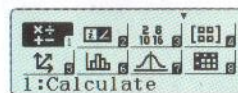
High-resolution LCD drives further evolution!

Higher resolution increases the amount of information that can be displayed and improves usability. In addition, CLASSWIZ is equipped with a basic spreadsheet function for creating spreadsheets with up to 5 columns and 45 rows (maximum of 170 data items).



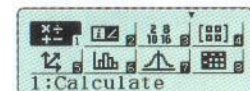
High-resolution display makes easier to view numerical formulas & symbols. Resolution it has got 4 times high-resolution than previous models

Resolution "4x"



Interface functions ideal for education

Icon display

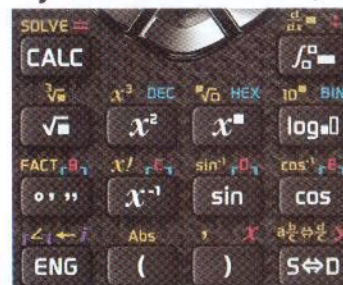


English display

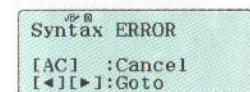
- 1: Input/Output
- 2: Angle Unit
- 3: Number Format
- 4: Engineer Symbol

Messages are spelled out (not abbreviated).

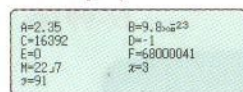
Key notation



Interactive format



List display



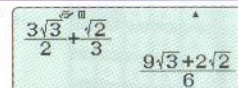
Easy-to-understand English messages and interactive format

Nearly all English words are displayed on the screen in unabbreviated form. Interactive menu display realizes more intuitive operation.

- 1: Summation
- 2: Variable
- 3: Min/Max
- 4: Regression

Natural Textbook Display

Input and display fractions, powers, logarithms, roots, and other mathematical formulas and symbols just as they appear in textbooks.



List display function for thorough, speedy learning

Variables and statistical calculation results stored in memory can be displayed in lists. There's no need to recall and confirm individual values as with previous models.



High-speed calculation

Fast calculation for smooth performance in class or during examinations

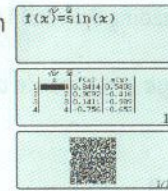
Online Visualization Service using QR Code

QR code feature helps up to generate QR code which can be scanned by using smartphone or table having internet connection in order to access a dedicated website for visualization of graph, mathematical calculations and help guide.

Visualization of graph by using QR Code

To visualize graph, input formula or do calculations as per the need and then generate QR Code.

Scan QR code with smartphone, tablet or similar device to see graph.



How to generate QR Code?

Press (QR) to display the QR code on calculator. Scanning a QR code displayed by this calculator with smart phone, tablet or similar device will cause the smart device to access the CASIO website.

Display content copy by using QR Code

QR code generated for the calculations done on calculator can be used to view & copy same calculations on smart device for using in reports or assignments.



You can get expression

$$= 9.22 \times 10^{10} \sqrt{\frac{(3 \times 0.3)^2}{399.8} + \frac{(0.01 \times 10^{-1})^2}{1.03 \times 10^{-1}}} + \frac{(3 \times 0.006)^2}{4.353} + \frac{(0.01)^2}{16.04}$$

OR

<math><apply><int>...<cn>type="integer"></cn></apply></math>

It requires you to COPY and Paste only!

Access to help guide / user's guide by using QR code

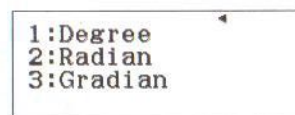
To view user's guide or help guide generate a QR Code by pressing (QR) for a menu screen, setup screen, a calculation result screen in any calculation mode.

ON THE CALCULATOR

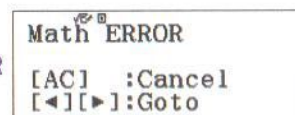
MENU



SETUP



ERROR



ON YOUR TABLE/SMARTPHONE

Statistical Calculations (STAT)

To start a statistical calculation, perform the key operation (STAT) to enter the STAT Mode and then use the screen that appears to select the type of calculation you want to perform.

- To select this type of statistical calculation: (Regression formula shown in parentheses) Press this key:
- Single-variable (X): (1)-VAR)
 - Paired-variable (X, Y), linear regression (y = A + Bx): (2)-VAR)
 - Paired-variable (X, Y), quadratic regression (y = A + Bx + Cx²): (3)-VAR)

Each Mode explanation is displayed on your Browser

(Deg) (Rad) (Gra) Specifies degrees, radians or grads as the angle unit for value input and calculation result display.

Note: In this manual, the symbol next to a sample operation indicates degrees, while the symbol indicates radians.

Each Setup explanation is displayed on your Browser.

Error Messages

- Math ERROR**
Cause: • The intermediate or final result of the calculation you are performing exceeds the allowable calculation range. • Your input exceeds the allowable input range (particularly when using functions). • The calculation you are performing contains an illegal mathematical operation (such as division by zero).
Action: • Check the input values, reduce the number of digits, sort try again. • When using independent memory or a variable as the argument of a function, make sure that the memory or variable value is within the allowable range for the function.
- Stack ERROR**
Cause: • The calculation you are performing has caused the capacity of the

Each Error Message explanation is displayed on your Browser