

# 145g Human-centered Design: Ultra light and ergonomic. For tireless scanning in Retail, Logistics and more.



Category: Profitability

- Windows® CE® 5.0
- Very ergonomic and weighing only 145g
- High-speed laser scanner or CMOS-Imager
- Vibrating scan confirmation
- WLAN, Bluetooth®, IrDA, Voice-Recorder
- QVGA colour display
- Rugged, dust and IP54 splash protected

**CASIO®**

# CASIO DT-X7

The new DT-X7 impresses the user with performance and lightness. The ergonomic S-shaped hand terminal with a centered balance point comfortably sits in the hand of its user. Now true one hand operation becomes reality and long lasting, tireless use is guaranteed. Besides an integrated laser scanner or CMOS-Imager, Bluetooth®, WLAN and the brilliant QVGA colour display as well as 64MB memory, the DT-X7 also offers scan confirmation with vibration. And with the industrial protection class IP54, the DT-X7 does an excellent job even in wet and dusty environments.

## Comfortable and fatigue free usage with just one hand.

A full days work at the point of sale and in the warehouse is very exhausting. Scanning for several hours, commissioning, price checking and reordering of goods etc.. With an ordinary mobile terminal cramps and muscle pain in the hand are almost normal. The solution: The smallest, lightest and extremely ergonomic CASIO DT-X7.



The new CASIO DT-X7 impresses the user by being extremely easy to use. The design of the device was especially made according to the principles of "Human-centered Design" and therefore allows one hand usage without annoying changes of the hand's posture. The light weight and centered balance point of the device, as well as the ergonomically arranged scanner buttons offer the possibility to work conveniently with a minimum amount of strength, hand or finger movement – for both right and left handed people.

### Versatile handling:



## Light, small and robust

The DT-X7 was designed with the help of usability studies and which has resulted in a very pleasing design and small proportions of about 166 (L) x 52 (W) x 23,5 (H) mm and a minimum weight of 145g (standard battery incl.). Nevertheless the product has a drop protection of 1.0 meters (1,5 meters with Bumper) on concrete and is dust and water protected according to IP54.

## Intuitive and precise scanning

The DT-X7 is available with laser scanner or alternatively with CMOS imager. This allows all possible options for data collecting either from 1D or 2D codes. Even taking grey scale pictures is possible with the DT-X7.

The powerful laser scanner of DT-X7 reads all popular 1D codes. It works with a resolution of 0,127 mm and a distance of 40 to 400 mm. The high speed CMOS imager is perfect for all complex codes like DataMatrix or QR Code for example.

The scan direction is angled downwards and enables fast and intuitive scanning. The likelihood of an input error is minimized by the focusing of the barcode after a successful scan as well as scan confirmations via vibration. These features help to assure a relaxed and efficient work flow. The three trigger keys (left, middle and right) allow various hand positions and reduce the necessary hand and finger movement to a minimum.



## Versatile usage in retail, POS, warehouse etc.



The DT-X7 works with Windows® CE® 5.0 and offers 64MB RAM working memory. Versatile, reliable standard software can be integrated as well as especially customized business solutions.

There are many possible data transfer methods available including IrDA, Bluetooth® and WLAN (IEEE802.11b/g).

## High resolution Colour display

The 6,1 cm QVGA colour display impresses with its extraordinary quality. CASIO displays – like the one used in DT-X7 – are not just built into digital cameras or mobile phones but also used in the air and space industry. The display offers 240x320 pixels and represents 1/3 of the total length of the device. All information is displayed clearly, bright and with high contrast in 65,536 colours.



# CASIO DT-X7

The ergonomic and light mobile terminal for fast, fatigue free and reliable data collection.

## General Guide / Options



## Specifications

<b>CPU</b>	PXA270	416 MHz	<b>Keyboard</b>	29 keys, 3 scanner keys (left, right, middle), colour F1-F4 keys	
<b>Operating System</b>	Microsoft® Windows® CE® 5.0	(English Version)	<b>Interfaces</b>	Bluetooth®	Ver. 2.0 (Class2), IrDA Ver. 1.3 Low Power (Max. 4 Mbps)
<b>Memory</b>	RAM F-ROM	64 MB 64 MB (approx. 29 MB available)	<b>Wireless LAN</b>	DT-X7M10R / DT-X7M30R IEEE802.11b (Max. 11 Mbps) IEEE802.11g (Max. 54 Mbps)	DT-X7M10E / DT-X7M30E
<b>Display</b>	Casio-Super-LCD	Transflective TFT colour LCD Display, 6,1 cm Resolution 240 x 320 QVGA Colours 65,536 Background Illumination LED technology	<b>Power supply</b>	Lithium-Ionen-Akku DT-X7M10R Standard (1100 mAh): approx. 10 h Large (1880 mAh): approx. 17 h DT-X7M30R Standard (1100 mAh): approx. 9 h Large: (1880 mAh): approx. 15 h	Lithium-Ionen-Akku DT-X7M10E Standard (1100 mAh): ca. 15 h Large (1880 mAh): approx. 26 h DT-X7M30E Standard (1100 mAh): approx. 13,5 h Large: 1880 mAh): approx. 23 h
<b>Scanner/ CMOS Imager</b>	Type Resolution Scan range Readable codes	<b>Laserscanner</b> 0,127 mm 40-400 mm <b>Laserscanner:</b> UPC-A, UPC-E, EAN8 (JAN8), EAN13 (JAN13), Codabar (NW-7), Code39, Interleaved 2 of 5 (ITF), MSI, Industrial 2 of 5, Code93, Code128 (EAN128), IATA, RSS-14, RSSlimited, RSS Expanded, RSS-14 Stacked, RSS Expanded Stacked <b>CMOS Imager</b> 0,127 and more 60-300 mm <b>CMOS-Imager only:</b> PDF417, Micro PDF, CODE49, Composite, Codablock F, TLC39, RSS Expanded Stacked, RSS-14 Stacked, Aztec, DataMatrix, Maxicode, QR Code	<b>Protection</b>	Fall protection Water and dust protection	1,0 m (1,5 m with Bumper) IP54 -20°C bis +50°C
			<b>Working Temperature</b>	-10°C bis +50°C	
			<b>Dimensions</b>	(L x B x H)	166 x 51*/52** x 30,5*/23,5** mm * handle exterior / ** Display exterior
			<b>Weight</b>	ca. 145 g (DT-X7M10)	ca. 149 g (DT-X7M30)
			<b>Other</b>	Loudspeaker, microphone (mono), Vibration, back-up battery	



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