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Accessories

The UX2 sensor is an external calibration sensor for quality assurance of medical monitors with EIZO RadiCS. The measuring probe is suitable for:

- ✓ Top measurement of luminance and chrominance in various tests
- ✓ Calibration of DICOM GSDF and other luminance curves
- ✓ Correlation of monitor-integrated luminance sensors

UX2 - Calibration sensor for medical monitors

The UX2 calibration sensor measures the luminance characteristic curve of RadiForce monitors by using the [RadiCS software](#). As part of the hardware calibration, brightness and contrast deviations are automatically adjusted. This enables precise calibration of medical monitors according to the DICOM[®] standard for setting up image reproduction systems.

Long-term stability and high performance

Conventional sensors are easily affected by environmental changes, which can lead to a drop in performance, such as humidity. Therefore, the UX2 sensor is based on the same leading technology that can be found in EIZO's integrated front sensors. Thanks to this technology, the UX2 is resistance to humidity, shocks, and allows precise measurements and calibrations.



Simple operation

The UX2 sensor is equipped with an LED indicator. This indicates whether the sensor is successfully connected to the monitor. Additionally, the UX2 come with a protective cap that prevents the sensor from becoming dirty when not in use to ensure continuous quality performance.

Thanks to the USB connection, the UX2 sensor can easily be connected to the monitor with a single USB cable.



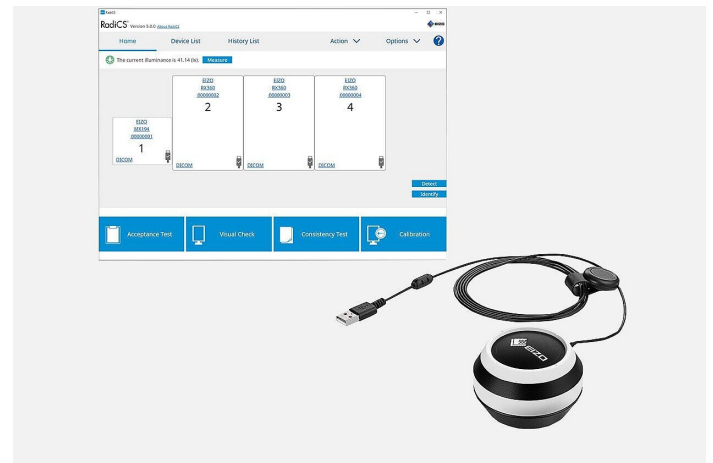
UX2 protective cap



UX2 USB connection

Calibration according to DICOM[®] standard

The UX2 sensor in combination with the RadiCS software enables precise calibration of white point and tonal value characteristics according to the DICOM[®] standard.



Technical Data

FEATURES/SYSTEM REQUIREMENTS

Calibratable luminance characteristics	DICOM Part 14 GSDF, CIE, exponential (gamma value), loglinear, linear, user-defined
Required software	RadiCS V. 5.x, (from RadiCS V 4.6.0)
Interface support	USB A V.2.0
Warranty	3 years

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