

# Q-Tracker

## Logging, Monitoring and Quality control

### From production directly onto the screen

Centralised and complete quality monitoring of DataMatrix codes based on directly marking using the new "Q-Tracker" software.

"Q-Tracker" gives you a comprehensive overview of all connected IOSS reading systems. The reading results and images are stored in a database and can be retrieved using different criteria (e.g. timeframe, line). Thanks to the innovative search function, you will find every read and analysed DataMatrix code and hence every components in the database.

The stored analysis results can be displayed graphically and analysed statistically, allowing you to analyse the quality evaluation and resulting trends.

"Q-Tracker" also features a useful e-mail notification function. In the event of a disruption, e.g. due to incorrect reading or if the required quality of the marking is not met, an e-mail is sent.

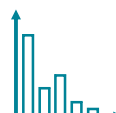
With the quality evaluation feature of the reading systems switched on, you can even generate the quality proof for the codes at a later point of time (as a PDF file). This gives you the proof of the quality and readability of the codes you may need for your customers.

Whether monitoring, automatic e-mail notification, statistical analysis, logging or retroactive proof of quality, our "Q-Tracker" lets you do all of this centrally from your work station with minimal effort.

### Q-Tracker



### Logging - Monitoring - Quality control



# Q-Tracker



## The central control station for your IOSS DataMatrix reading systems

Quality data, reading results and corresponding images of the DataMatrix codes are automatically stored in a database. Comprehensive monitoring, logging, statistics and reporting features make the Q-Tracker software an indispensable QA tool.

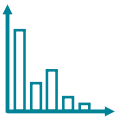
### Top Features



Backup of reading result codes, quality data and images in a central database



Monitoring and analysis of code quality including original image data of every reading



Comprehensive statistics functions for trend analysis and monitoring



E-mail notification in case quality requirements are not met; customisable according to system, line or user



Q-Report, quality proof as a PDF file; also possible at a later point of time using image data

The screenshot displays the Q-Tracker software interface. On the left, there is a tree view for 'Kameras' (Cameras) with three lines: Linie 1 (SNR: 112, Long Distance, 157000), Linie 2 (SNR: 117, LED, 156071), and Linie 3 (SNR: 966, VA Welle, 78055). The main area is a table with columns: id, CODE, TIME, RRD\_GLOB., RRD\_Q\_AN, RRD\_Q\_DI, RRD\_Q\_DS, and RRD\_Q\_FD. The table contains multiple rows of data with color-coded cells (green, yellow, red). On the right, there is a search filter section with 'Suche Spaltenauswahl', 'Von:' (17.09.2017), and 'Bis:' (18.09.2017). Below this is a summary table:

	Anzahl	Prozent
Totale	37367	
READ:	37367	100 %
FAIL:	0	0 %

Below the summary table is an 'RRD' section with a table for 'ISO15415' and a bar chart showing the percentage distribution of RRD values (A, B, C, D, F).

RRD	A	B	C	D	F
19957	17409	1	0	0	0
53,41 %	46,59 %	0 %	0 %	0 %	0 %

Subject to change without prior notice. If you require additional information, please contact us.

Intelligente optische Sensoren & Systeme GmbH  
 Fritz-Reichle-Ring 18  
 D-78315 Radolfzell  
 Tel.: +49 (0) 77 32 98 27 96 - 0  
 Fax.: +49 (0) 77 32 98 27 96 -11  
 info@ioss.de  
 www.ioss.de

