Specs

Comparison	Blickwerk 40	Blickwerk 20	Blickwerk 10
SAMPLING FREQUENCY	max. 30 kHz	max. 10 kHz	max. 5 kHz
REPRODUCIBILITY	$\Delta E \leq 0.15$	$\Delta E \leq 0.30$	$\Delta E \leq 0.50$
GAIN STAGES	8	6	4
SWITCH OUTPUTS	8	8	3
SWITCHING BEHAVIOUR	NPN / PNP / PP	NPN / PNP / PP	NPN / PNP / PP
TRIGGER INPUT	4, configurable	4, configurable	1, configurable
INTERFACES	Ethernet, USB, RS232	Ethernet, USB, RS232	Ethernet, RS232
LOGS	REST-API, Web, Terminal	REST-API, Web, Terminal	REST-API, Web, Terminal
LEDS	4 (RGBW), adjustable	1, adjustable	1, adjustable
OPERATING MODES	AC, DC	AC, DC	AC, DC
LIGHTING PROFILES	Ja	-	-
COLOUR SPACES	XYZ, xyY, L*a*b*, L*u*v*, u'v'L	XYZ, xyY, L*a*b*, L*u*v*, u'v'L	XYZ, xyY, L*a*b*, L*u*v*, u'v'L
DRIFT COMPENSATION	ext. light, temperature, LED	ext. light, temperature, LED	light, temperature
OPERATING VOLTAGE	10...28V DC	10...28V DC	10...28V DC
PROTECTION CLASS	IP 65	IP 65	IP 65

Push-Notification
quick Web Quality Industry REST-API Monitoring
IP 65
fiber optic Colour 4.0 IPv4 / IPv6
HighSpeed
mobile Application IIoT Precision
$\Delta E<0,5$ Presence
perceptive
HumanEyeResponse Colour recognition ERP
L*a*b* reliable
Ethernet
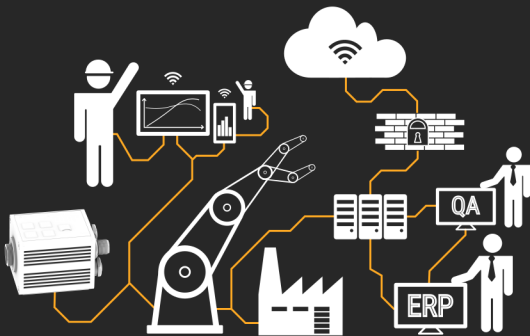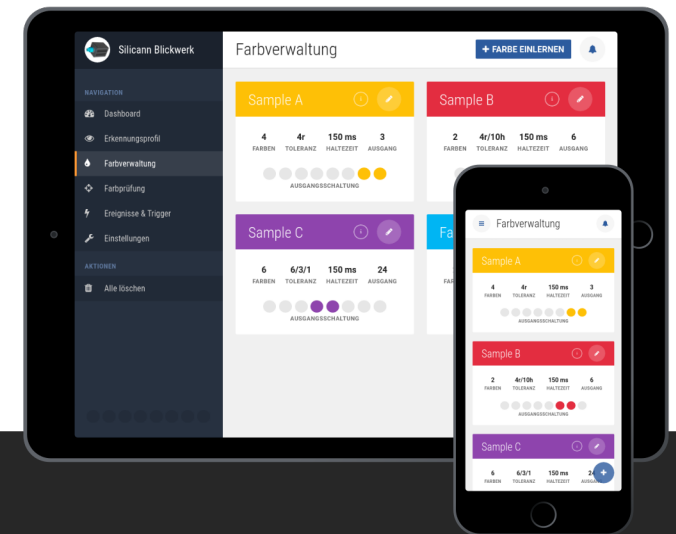
Operation and API

Runs on your devices

Blickwerk contains the workbench frontend, a web-based application that allows you to control your sensor - with full access control. From color management to network configuration, everything is in place. We ensure that the workbench works smoothly on a wide range of devices. Our goal is to make your access to the sensor as uncomplicated and comfortable as possible. Whenever you want and with the device of your choice. You can try the interface of Blickwerk with a simulated sensor at silicann.com.

SILICANN SYSTEMS GMBH

Interested?

Contact us!
Please call us or send an e-mail.
For more information use the request form or visit us on the Internet at:

www.silicann.com/blickwerk

The Blickwerk® Sensor

Precise optical high speed inspection

Quality

Optical inspection tasks are solved with the utmost reliability and accuracy and guarantee a smooth process monitoring.

IP-Networkable

Seamless integration into existing IP networks. Configure, monitor and log - without additional software and independent of operating systems and device platforms.

Performance

Up to 30 kHz effective sampling rate with exceptional stability and integrated RGBW high-power lighting. Up to 60 kHz can be achieved with switched-off lighting.

Operation and API

Accessibility & design - our look and feel. Latest technologies enable your company to implement its own reporting and automation tools quickly and easily.

Try it out!

Do you want to try out our innovative look and feel?
You can run a simulation of a Blickwerk® Sensor on our website.

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Colour 4.0