

INDUSTRIAL VIDEOSCOPE

NZQ2.8

/ DUAL VISION

**Maximum vision.
Minimum diameter.
Maximum possibilities.**

Industrial videoscope with
Ø2.8 mm front + side
Dual Vision.



6" FHD MONITOR
TOUCHSCREEN
1920 × 1080



ARTICULATION
IN ALL
DIRECTIONS



WI-FI
WIRELESS
TRANSMISSION



≥8 h
RATED
BATTERY LIFE



IP54
MAIN UNIT



IP67
PROBE



ADVANCED MODULAR NZQ PLATFORM

The Ø2.8 mm Dual Vision probe is quickly interchangeable. Other probe configurations compatible with the NZQ platform are available separately.



**DUAL VISION
FRONT / SIDE**



PHOTO / VIDEO
Freeze frame
and zoom



2D COMPARATIVE
Measurement



ANNOTATIONS
and custom
file names



ADVANCED STORAGE
Internal memory
and TF card



VIDEO OUTPUT
HDMI - Type-C



ADJUSTABLE LIGHT
9 levels + off

Designed for industrial inspection

Small diameter, Dual Vision and modular NZQ platform.



SMALL DIAMETER. DUAL VISION. QUICK PROBE CHANGE.

Advanced COBB NZQ platform with Ø2.8 mm Dual Vision probe, two optical directions, advanced image management and quick probe change.

Ø2.8 mm

Slim probe for restricted access

DUAL VISION

Front + side viewing

QUICK-CHANGE

Rapidly replaceable probe

360° + WI-FI

Full articulation and wireless connectivity

COBB NZQ2.8 / DUAL VISION

Ø2.8 mm · front + side · modular NZQ platform · 6" FHD touchscreen · 2D comparative measurement · annotations and advanced storage.



Ø2.8 mm Dual Vision probe

One model, two viewing directions

The NZQ system combines an advanced main unit with a quick-change Dual Vision probe.



**QUICK-CHANGE SYSTEM /
INTERCHANGEABLE PROBE**

DUAL CAMERA

Front + side view

BUILT-IN LED

Probe-mounted illumination

1 / 2 / 3 m

Documented lengths

360°

Articulation in all directions

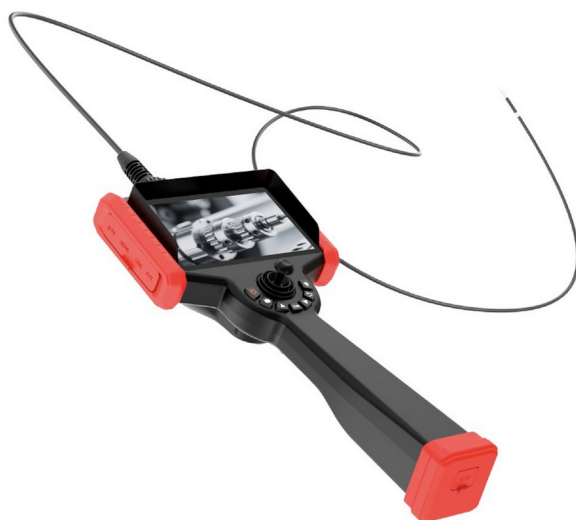
QUICK-CHANGE NZQ

The Ø2.8 mm Dual Vision probe uses the NZQ platform quick-change system and can be rapidly replaced without modifying the main unit.

MODULAR ARCHITECTURE

Other probe configurations compatible with the NZQ platform are available separately. This datasheet remains dedicated to Ø2.8 mm Dual Vision.

Small diameter. Dual Vision. Advanced platform.



Advanced image control

FHD monitor, photo/video management and two viewing directions for industrial inspection in confined spaces.



6" FHD TOUCHSCREEN DISPLAY

1920 × 1080

Intuitive control of images, menus and measurement functions directly from the main unit.

PHOTO / VIDEO

ZOOM

FREEZE FRAME

FRONT + SIDE DUAL VISION

Two optical directions for viewing the same area from complementary angles, without replacing the probe during inspection.

ADVANCED IMAGE MANAGEMENT

Internal storage, TF card, HDMI/Type-C video output and annotations with custom file names.

2D comparative measurement

Dedicated function for comparative evaluation in industrial applications, complementing photo, video, zoom and freeze-frame functions.



Complete operating interface

Direct unit control, wireless transmission and file management for documenting inspections.

PHOTO / VIDEO

ZOOM

FREEZE FRAME

ADJUSTABLE LIGHT



WI-FI

HDMI / TYPE-C

STORAGE

ANNOTATIONS

Ergonomic buttons and joystick

Physical controls for use in industrial environments, even with gloves and during extended operations.

Outputs and storage

Internal memory, TF card, HDMI and Type-C outputs for data transfer and external display.



Dual Vision probe optical data

Performance data refer exclusively to the Ø2.8 mm configuration.

RESOLUTION

160,000 / 520,000 pixels
Documented values for the Ø2.8 mm probe.

FIELD OF VIEW

120°
Wide field of view for inspecting internal areas.

DEPTH OF FIELD

3-70 mm
The front/side association cannot be determined with certainty from the supplied sources.

ILLUMINATION

Built-in LED
Integrated illumination on the Ø2.8 mm probe.

MODULAR ARCHITECTURE · QUICK PROBE CHANGE

The Ø2.8 mm Dual Vision module can be replaced quickly. This datasheet focuses on this configuration and does not list the platform's other diameters.



Dual Vision and articulation

Ø2.8 mm Dual Vision

One probe, two viewing directions: front and side.



DUAL CAMERA

FRONT →
SIDE ↑

FOV 120° · 360° articulation

MAXIMUM BENDING ANGLE

Length	Maximum angle
1 m	170° ±10°
2 m	130° ±10°
3 m	100° ±10°

360°

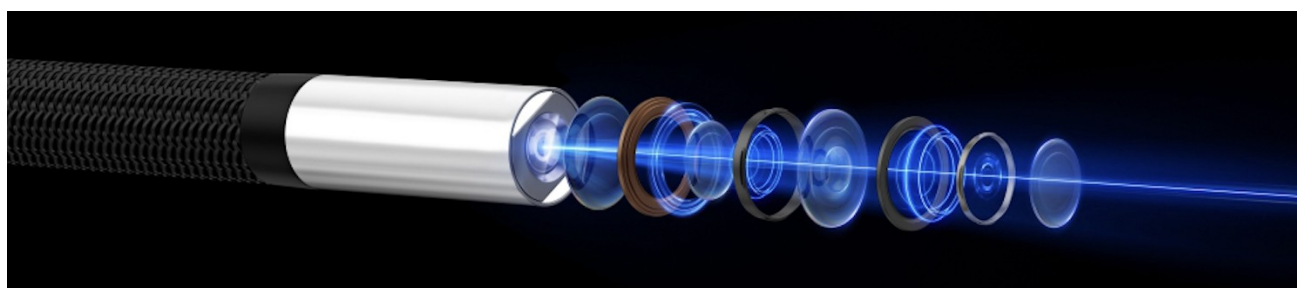
IN ALL
DIRECTIONS



COBB NZQ2.8 / DUAL VISION

Technical specifications for the probe dedicated to the Dual Vision configuration.

Feature	Specification
Diameter	Ø2.8 mm
Viewing	Front + side Dual Vision
Field of view	120°
Depth of field	3-70 mm
Resolution	160,000 / 520,000 pixels
Illumination	Built-in LED
Articulation	360° in all directions
Dual View rigid section	9 ± 0.5 mm
Lengths	1 / 2 / 3 m
Bending angle - 1 m	170° ±10°
Bending angle - 2 m	130° ±10°
Bending angle - 3 m	100° ±10°
Operating temperature	-20 °C / +70 °C
Tube material	Tungsten braid
Probe protection	IP67



Maximum bending angle - Ø2.8 mm

Documented Dual Vision probe lengths

The table lists only the lengths available for the Ø2.8 mm Dual Vision configuration.

Length	Maximum angle
1 m	170° ±10°
2 m	130° ±10°
3 m	100° ±10°

**Ø2.8 mm
DUAL
VISION**

1 / 2 / 3 m

Architecture, systems and comparisons on one platform

The NZQ platform retains its modular concept: this model focuses on the Ø2.8 mm Dual Vision probe; other compatible probes are managed separately.

NZQ platform

Advanced main unit with FHD touchscreen and advanced functions.

Dedicated probe

Ø2.8 mm front + side Dual Vision, lengths 1 / 2 / 3 m.



Specified equipment

The final package must be confirmed in the COBB commercial order.



Rigid transport case

Stated package size: 59 × 47 × 20 cm | 7.5 kg

Specified contents

- | | |
|---------------------|-----------------------------------|
| 1 Main unit | 8 HDMI cable |
| 2 4 18650 batteries | 9 USB charger |
| 3 Rigid case | 10 Battery charger |
| 4 Memory card | 11 Warranty card |
| 5 Card reader | 12 User manual |
| 6 Tripod | 13 Quality conformity certificate |
| 7 2 Type-C cables | |

COBB NZQ2.8 / DUAL VISION

INDUSTRIAL VIDEOSCOPE with Ø2.8 mm front + side Dual Vision, built on the advanced NZQ platform with a quick-change probe.

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