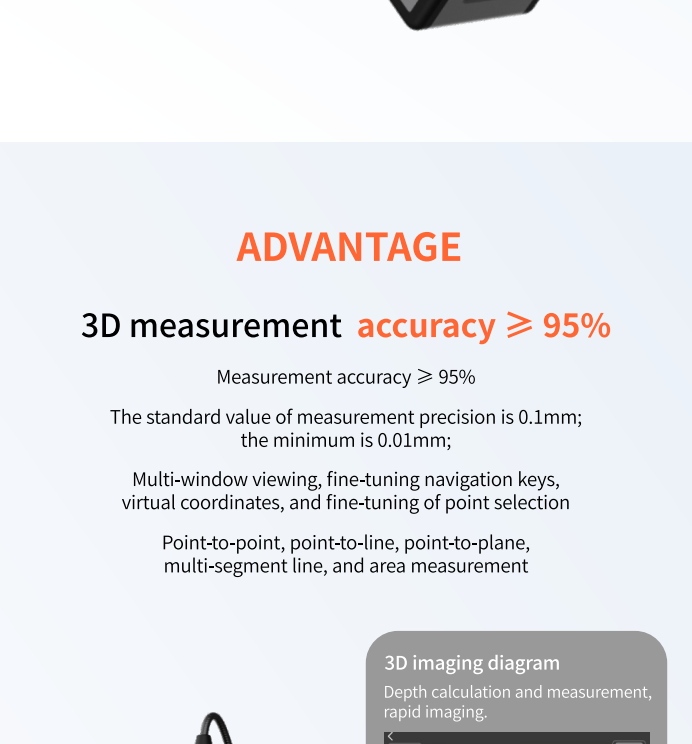




DZ series

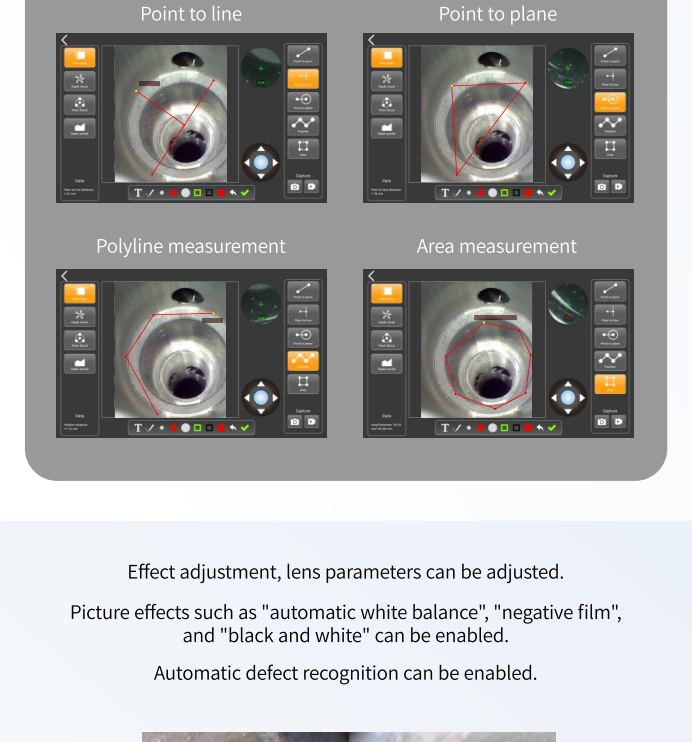
Electric control 3D measurement endoscope



7-INCH INTEGRATED TOUCH SCREEN

SCALABLE STORAGE SPACE

Built in storage 32GB + RAM 2GB



ADVANTAGE

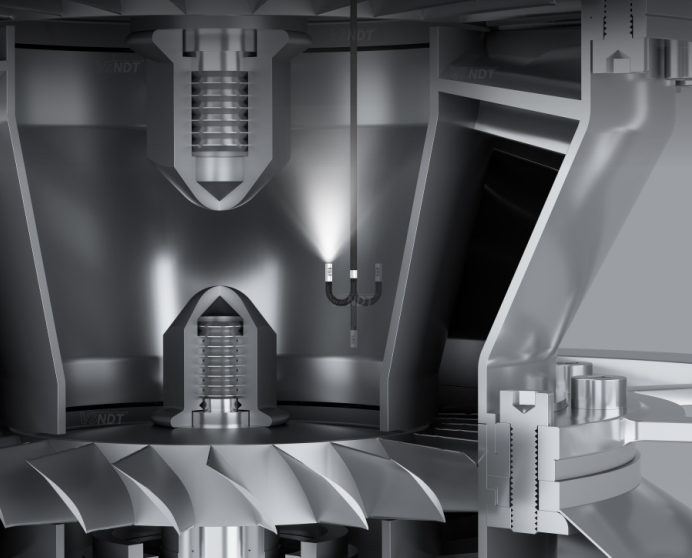
3D measurement accuracy $\geq 95\%$

Measurement accuracy $\geq 95\%$

The standard value of measurement precision is 0.1mm; the minimum is 0.01mm;

Multi-window viewing, fine-tuning navigation keys, virtual coordinates, and fine-tuning of point selection

Point-to-point, point-to-line, point-to-plane, multi-segment line, and area measurement



Effect adjustment, lens parameters can be adjusted.

Picture effects such as "automatic white balance", "negative film", and "black and white" can be enabled.

Automatic defect recognition can be enabled.



Operations such as rotating, mirroring, renaming, imaging, inverting, drawing, recognizing, and measuring can be performed on the photos.



360° Electronic control Full way articulation



Hd megapixel camera

Capture every detail with new technology camera



Optical fiber lighting



INTERCHANGEABLE PROBES

The probes of different specifications can be replaced according to different testing environments



Quick change probe



Side view Dual direct view

Diameter: 3.9mm~8mm Length: 1m~10m (Customizable)

High density tungstenwire material good durability and corrosion resistance

IP67 waterproof and oil proof



MODULAR BATTERY WORKING TIME $\geq 3\text{H}$

Long term endurance, coping with various complex environments and improving efficiency.



TYPE-C charging port

BUTTONS AND INTERFACES



Electric joystick On/off Brightness + Brightness - Camera Record Confirm/Menu Return/Replay

USB AUX HDMI Type-C Lock button

PRODUCT LIST



Device host Packing case tripod U disk data Line Type-C power adapter instructions warranty card

APPLICATION

Aerospace

Energy & power

Rail transit

Precision casting

Automobile manufacturing

PRODUCT PARAMETERS

Host	
Size	380*202*120
Display	7 inch TFT LCD integrated touch screen
Resolution	1920*1200
Output	USB x2, HDMI x1, Type-C x1, TF card x1, 3.5 earphone hole x1
Memory	Running memory 2GB + local storage 32GB
Power	3 hours, can support online charging (18650*4)
IP Grade	IP54
Operating temperature	-20°C~50°C
Storage Temperature	-20°C~60°C
Relative Humidity	Max 90%, No condensation

Camera Probe	
Length	1-10m (other customizable)
Material	Tungsten braided tube/Spring tube
Diameter	3.9-8mm
Articulation	360° all-directional electric control articulation
Max swing head Angle	>180°
IP Grade	IP67
Operating Temperature	-20°C~70°C
Viewing angle	Side view / Dual direct view
FOV	90°/120°/140°
DOF	1.0MP/1950,000 pixels/1560,000 pixels
Pixel	1.0MP/1950,000 pixels/1560,000 pixels
Light source	White light/UV/Infrared (optional)
Illumination	Rear high power LED optical fiber illumination

System / software	
Operation system	Real-time intelligent multi-tasking operating system
Operating mode	Full screen touch and button dual operation, dual photo and video buttons
Function	Vertical depth touch and button dual operation, 3D physical cloud map, sectional view, arbitrary section, maximum depth calculation, sectional view display, real-time depth display with base plane translation
Image / video format	Image: JPEG, PNG, GIF, MP4, H.264, H.265, H.266, H.267, H.268, H.269, H.270, H.271, H.272, H.273, H.274, H.275, H.276, H.277, H.278, H.279, H.280, H.281, H.282, H.283, H.284, H.285, H.286, H.287, H.288, H.289, H.290, H.291, H.292, H.293, H.294, H.295, H.296, H.297, H.298, H.299, H.300, H.301, H.302, H.303, H.304, H.305, H.306, H.307, H.308, H.309, H.310, H.311, H.312, H.313, H.314, H.315, H.316, H.317, H.318, H.319, H.320, H.321, H.322, H.323, H.324, H.325, H.326, H.327, H.328, H.329, H.330, H.331, H.332, H.333, H.334, H.335, H.336, H.337, H.338, H.339, H.340, H.341, H.342, H.343, H.344, H.345, H.346, H.347, H.348, H.349, H.350, H.351, H.352, H.353, H.354, H.355, H.356, H.357, H.358, H.359, H.360, H.361, H.362, H.363, H.364, H.365, H.366, H.367, H.368, H.369, H.370, H.371, H.372, H.373, H.374, H.375, H.376, H.377, H.378, H.379, H.380, H.381, H.382, H.383, H.384, H.385, H.386, H.387, H.388, H.389, H.390, H.391, H.392, H.393, H.394, H.395, H.396, H.397, H.398, H.399, 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