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The IRay Xeye E2N thermal imager is a small device that uses the latest generation bolometric sensor with a resolution of 240x180 pixels and a single pixel size of 17 micrometers. Thanks to the high refresh rate of 50 Hz, the displayed image is fluid and clear. The optical system used in the device has a 1.2x magnification, while in combination with the 2x digital zoom, the maximum magnification is 2.4 x (1.2x2 = 2.4). Functions " standby mode - Allows you to quickly start up your device by briefly pressing the power button " 4 color palettes of the displayed image - white, black, red, multicolor " adjustable brightness of the display - 6 levels of brightness " built-in flashlight - the built-in LED on the front of the device can be turned on by long pressing the image mode change button " image correction - the IRay Xeye E2N thermal imager has the option of manual correction of the displayed image " adjust the sharpness of the image Technical parameters " matrix: 240x180 px " NETD: <50 sq m " refresh rate: 50 Hz " viewing angle: 18 ° x 14 ° " display: color, 720 x 540 px " optical magnification: 1.2x " digital magnification: 2x " battery life: 10 hours " battery: integrated, Li-Ion " charging: yes, USB port " video output: yes, USB " built-in flashlight: yes, LED " sealed housing: yes, IP66 " Tripod socket: yes, 1/4 inch " dimensions: 160 x 60 x 60 mm " weight: 330 g Kit components " IRay Xeye E2N thermal imager " waterproof cover " charger " USB cable " video-USB cable " wrist bow " neck lanyard Maximum range of detection / recognition [m] " car 1200/300 " human 500/130 " wild boar 450/110 " deer 450/110 " taking 120/30 Warranty 24 months