

COBTEC.,LTD



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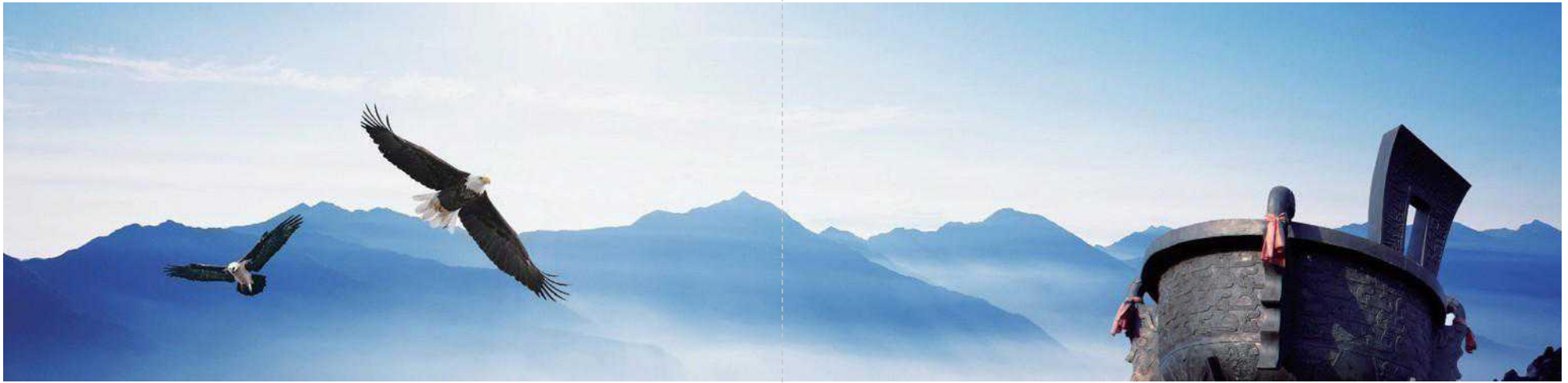
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Catalogue

www.cobtecinternational.com



COMPANY

>> > INTRODUCTION

Founded in March 2004, COBTEC.,LTD is a high-tech enterprise specializing in the business of optical devices. At the beginning, CoBTec imports the optical device from USA, Europe and Russia to distribute them in China.

After years of development, CoBTec has established an independent R&D team in designing the optical devices, which have been used in public security, fire fighting, emergency rescue, environmental monitoring, anti-terrorism, border defense, prisons and other fields.

In 2011, CoBTec was registered and all these products are promoted under this brand. These products includes night vision, military thermal camera, range finder, vehicle mounted cameras.

2011: Night Vision, Night Vision Goggle, Night Vision For Pilots, Laser Range Finder

2012-2013: Holographic Sight, Digital Sight

2014-2015: Fire Fighting Thermal Camera

2016 - 2018: HD Thermal Binocular And Thermal Riflelescope

2019: Fusion Thermal

2020: Temperature Measuring Thermal For Anti-COVID19

Company Branches

2009, CoBTec Hong Kong was established

2017, Zhuhai CoBTec Software Technology Co.,Ltd was established

2020, CoBTec Dongguan was established

Exclusive Distributor in China / Cooperation Brand

ATN , Armasight, Tasco, Bushnell, Leupold, NPZ, LUNA, Konus

Exhibitions and Shows

GPEC (Germany)	February 18-20, 2018	IDEAS (Pakistan)	November 24-27, 2018
IWA(Germany)	March 8-12, 2018	IDEX(UAE)	February 21-25, 2019
DSA(Malaysia)	April 16-21, 2018	IQDEX (Iraq)	March 7-10, 2019
Eurosatory (France)	June 8-10, 2018	Millipol (France)	November 19-22, 2019
Army (Russia)	August 21-23, 2018	IDEX(UAE)	February 21-25, 2021

Credentials

Credentials



Cooled Thermal Binocular

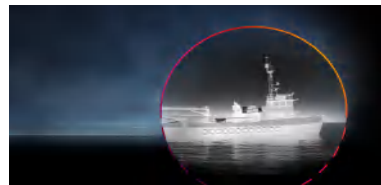
NTG8000CZ



NTG8000CZ Hand-held cooled multifunctional Thermal Imager is a handheld observation equipment with various functions and uses. It consists of infrared thermal imaging , visible light camera, laser ranging , digital compass , Beidou GPS, etc. It is mainly used to search and observe the fixed or moving targets in day and night, and find the range to the target. At the same it can display the location of the targets. Cooled thermal sensor can see through the water steam in the sea, so it can be used in coast guard by sea police or Navy.

Features

- ◆ Cooled 640X512 IR sensor;
- ◆ Visible light CMOS camera;
- ◆ GPS, Ecompass, WIFI,target posioning;
- ◆ LRF for distance;
- ◆ Light weight and compact, comfort for handheld observation;
- ◆ Strong Defog ability to meet the marine application;



Military Thermal Binocular

NTG5000



It uses the channel of infrared and the channel of visible light (CMOS) to achieve clear image in day time and nigh. By ther target postioning system, the user and target location can be displayed. Therefore, it can be applied in law enforcement, anti-drug, anti-terrorism, border defense, seaguard,etc.

Features

- ◆ CMOS and thermal; 640X512 thermal sensor
- ◆ GPS, E-Compass, WiFi for real-time video transfer
- ◆ 36x continous magnification in CMOS
- ◆ Long distance observation in day and night
- ◆ Stablized Images
- ◆ OLED display with resolution 1280×1024
- ◆ Built in LRF up to 6KM,10KM, 20KM
- ◆ Real time display of targets coordinates
- ◆ Motorized focus: far and near



Multi-function Thermal Binocular

FTB675L



It is a thermal binocular built with independent thermal and CMOS channel for the day and night observation purpose. With 75mm lens, it can observe longer distance. GPS and LRF work together to locate the target by its coordinates.

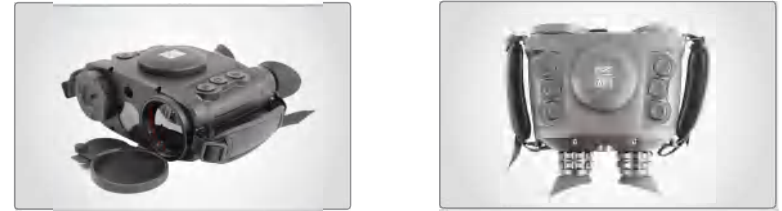
Features

- ◆ Thermal and low light CMOS,GPS, E-compass, WIFI,
- ◆ Built-in Laser Range finder
- ◆ 640X512 resolution, 12 um
- ◆ 75mm lens,10X continous magnificaiton in CMOS mode
- ◆ Light weight and compact
- ◆ Motorized focus (far and near)
- ◆ Target Positioning system



Fusion Thermal Binocular

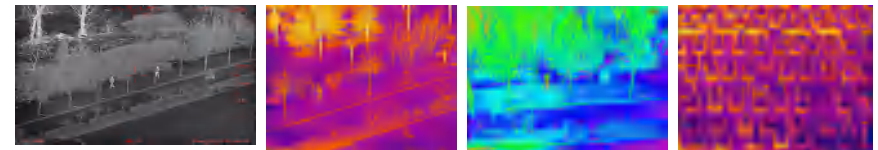
FTB640



Equipped with low light CMOS sensor and the thermal sensor (resolution: 640×512), OLED display (800×600), it has fusion, thermal and CMOS image for different occasion and tasks.

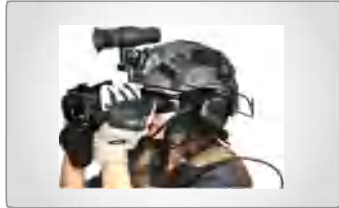
Features

- ◆ Fusion,Thermal, low light CMOS,GPS, WIFI, E-compass
- ◆ Photos and video recording
- ◆ Built-in reticle for tracking the target
- ◆ Motorized focus (far and near)
- ◆ 5x optical magnification, 2x, 4x zoom
- ◆ Light weight, compact



Handheld Thermal Binocular

TB675



Features

- ◆ Military standard thermal binocular
- ◆ Long distance detection range
- ◆ HD thermal image; 75mm lens
- ◆ Multiple functions, easy operation
- ◆ I R resolution 640×512, OLED Display 1024×768
- ◆ Video and taking pictures
- ◆ NETD: 35mk; motorized focus: far and near
- ◆ IP67 water proof



HD Thermal Binocular

TB350



Features

- ◆ Military standard thermal binocular
- ◆ Light weight, compact and tripod mounted
- ◆ NETD: 35mk
- ◆ Lens: 50mm
- ◆ Detection range: up to 2500 m
- ◆ OLED display resolution: 1024×768pixels
- ◆ Integrated video recording, taking picture
- ◆ Motorized focus: far and near
- ◆ 14 kinds of thermal color for surveillance
- ◆ WiFi with APP for real time video transmission



Vehicle Mounted 360 ° color night vision

800IRC



- ◆ Vehicle mounted 360° night vision
- ◆ Color image, different from traditional green or white-black image
- ◆ Real time surveillance to keep the vehicle under safe environment
- ◆ It can record and store the video
- ◆ Light weight and compact
- ◆ Water proof and dust proof
- ◆ WiFi

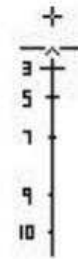


Thermal Rifle Scope

M300A/M600



- ◆ Military Standard Devices
- ◆ Compact, Light Weight
- ◆ HD Thermal Image
- ◆ Compass & WIFI
- ◆ Easy Control



Thermal Riflelescope / Monocular /Clip on M400



M400 thermal rifle scope is designed for battle field and it can be used as monocular after its LRF and rail is removed. After its lens is changed, it can be used as clip on thermal imager.

Features

- ◆ 384X288,640X480 IR sensor
- ◆ OLED display (1024*768)
- ◆ 5 patterns of reticles & 4 colors of reticles
- ◆ IP67 Protection, shock proof
- ◆ Wifi & E-compass
- ◆ Can be used on AK47, M16, HK416 , PKM rifles



Fusion Thermal Binocular FTB640L/FTB384L



Features

- ◆ Target Positioning
- ◆ Thermal, low light CMOS,GPS,compass, WIFI
- ◆ Photos and videorecording
- ◆ Built-in reticle for tracking the target
- ◆ Built-in Laser Range finder, 2KM or 6KM
- ◆ Motorized focus (far andnear)
- ◆ 5x optical magnification, 2x, 4x, zoom



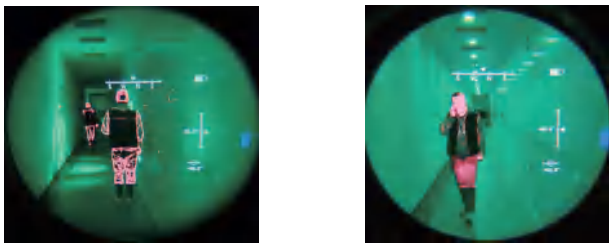
PSQ20C Dual Sensor Fusion Thermal Imager

M400



The PSQ20C Enhanced Night Vision Goggle (ENVG) provides increased capability by incorporating image intensification and long-wave infrared sensors into a single, helmet-mounted passive device.

It combines the visual detail in low light conditions that is provided by image intensification with the thermal sensor's ability to see through fog, dust, and foliage that obscure vision.



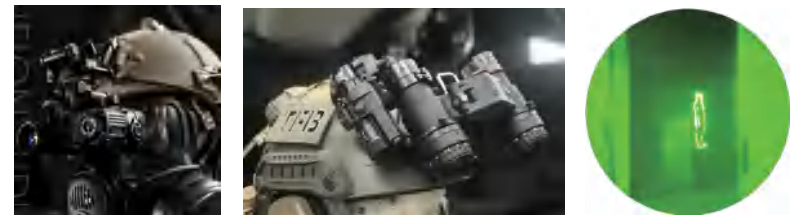
Clip On Thermal Imager

PAS29C



The CoBTec Thermal Imager PAS29C is a revolutionary miniaturized infrared thermal device which has the ability to convert almost any ordinary night vision device into a FUSION type system. FUSION systems combine the best aspects of thermal imaging with the best aspects of normal image intensified night vision devices into one system.

The PAS29C can be adapted to work in conjunction with the following night vision systems: AN/PVS-14, AN/PVS-7B/D, NVD-BNVD, NVD-BNVDG, AN/PVS-15A/C, AN/PVS-18, AN/PVS-23, F5050, UNS-SR, AN/PVS-24, as well as many other systems.



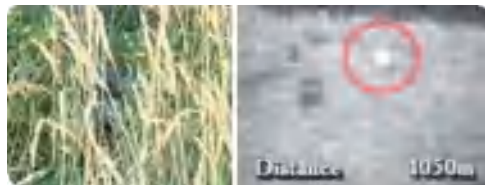
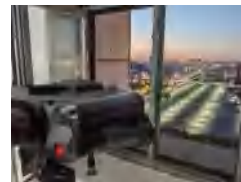
Sniper Detector Laser Illuminator Night Vision Binocular

V366L



Features

- ◆ Sniper detector
- ◆ GPS & Target location
- ◆ Laser illuminated night vision
- ◆ Laser range finder: up to 20KM
- ◆ See through the solar film of the car windows

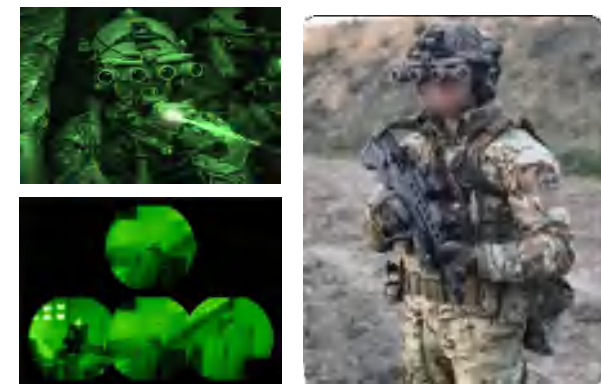


Full View Helmet Night Vision

PS18G4

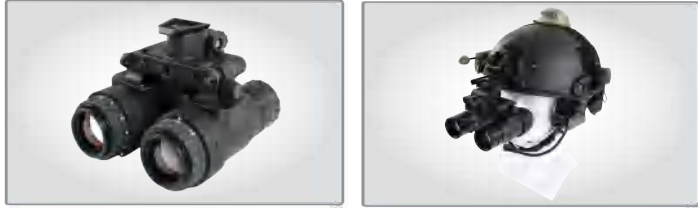


Four independent tubes working with for independent lens. The two lens in the center works in the traditional way, whose direction is straightly forward to detect the target in distance. The other two tubes at the right or left side are designed for widening the field. The image from the right two tubes and the left two tubes can fuse to form a 120 degree view, which is a revolutionary development. The right two tubes and the left two tubes has its own independent imaging system and can be attached on a helmet mount similar with the ANVIS for free adjustment. It can also work as the handheld night vision whose interpupillary distance can be adjusted.



Low Light Night Vision Binocular

PVS31C



PVS31C is compact, rugged, which can be worn on the head or helmet mounted. And the left and right lens tubes can be turned 140 ° independently, which can realize the fast switching of operation mode under different light conditions. When you do not use the night vision instrument and turn it up to the helmet, it will automatically shut down to reduce the stray light emitted by the eyepiece so as to avoid exposing its own target.

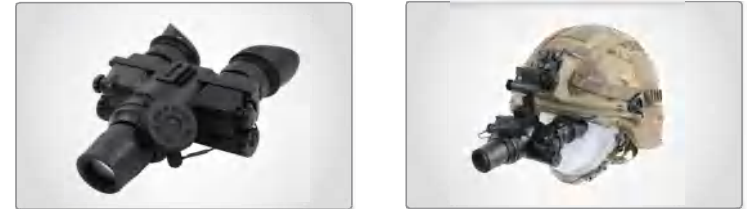
Features

- ◆ Image intensifier tube: Optional 18mm Gen2/Gen3 (green /black-white)
- ◆ Resolution: 50-72 LP (minimum)
- ◆ Photoelectric sensitivity: 1800-2200 (minimum)
- ◆ SNR (Signal to noise ratio): 25-28(minimum)
- ◆ FOV(field of view): 40° - 51°
- ◆ Diopter: +2-6



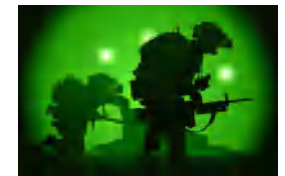
Night Vision Goggle

YSG



Features

- ◆ Multi-purpose, extremely rugged and compact
- ◆ Hand held, head mounted, helmet mounted
- ◆ Military standards
- ◆ Light sensor for bright light off
- ◆ Ergonomic design, convenient to use
- ◆ Fast detection of targets
- ◆ Gen 2 + or Gen 3 tube



Night Vision Monocular

NVM2229



The NVM2229 is a rugged, compact night vision monocular.

It can be hand held, head mounted, helmet mounted, or combine with 3X lens.

A highly ergonomic body, convenient to use. Good quality , military standards.



Specifications

Model	NVM2229
IIT	Gen2+ / XR5 / Gen 3
Resolution (lp/mm)	50-72
Photocathode type	S25
S/N (dB)	20-28
Luminous sensitivity (μ A/lm)	600-2200
MTTF (hrs)	10,000
Magnification	1x (3x lens can be added)
FOV (deg)	40(1X); 12(3X)
Detection distance (m)	220-280
Diopter (deg)	+5/-5
Lens system	F1.2, 25.8mm
Range of focus (m)	0.25-- ∞
Dimensions (mm)	125 × 70 × 50
Weight (g)	350
Power supply (v)	2.0-4.2V
Battery type (v)	1 3V CR123A lithium battery
Battery life (hrs)	80(w/o IR)/40(w IR)
Operating temperature(°C)	-40/+50
Environmental rating	IP67

Color Night Vision Camera

Mini C



With the field test, it can obtain full color image under the low light illumination (0.0001 lux). Its gain is almost the same as the Gen 2 image intensification tube used in the traditional night visions. Its image under low illumination is almost the same as the day time. With better algorithm, it can balance the brightness. This unit is built with Sony IMX sensor and brings its superiority into full play than any other existing models in the market.



10KM Laser Range Finder

2VK-C



Features:

- ◆ Nd: YAG laser, wave length 1.064 micron; Valid ranging can be up to 10KM
- ◆ Measure accuracy: 1 meter
- ◆ One laser can measure two targets
- ◆ Passing light with different wave can be selected
- ◆ Illuminated reticles at night
- ◆ The data of 10 targets can be stored for checking
- ◆ Record of the laser working times
- ◆ Water proof, shock proof
- ◆ Finding Range : 80 meter- 14000meter
- ◆ Magnification: 7X

1500M Binocular LRF

LRF-A



Features:

- ◆ Range: 1500 meters
- ◆ Fast and accurate measurement with 1 m accuracy
- ◆ Phase-Corrected BAK4 Roof Prisms
- ◆ Fully Multi-Coated Optics
- ◆ Field of View: 105m at 1000m; 340ft at 1000yards
- ◆ Instant Object Focusing Beyond 109Yards
- ◆ Bright 5.25mm Exit Pupil
- ◆ Waterproof & Fogproof
- ◆ Individual Focus & Diopter Adjustment
- ◆ Twist-Up Eyecups
- ◆ Waterproof & Anti-fog
- ◆ Tripod interface

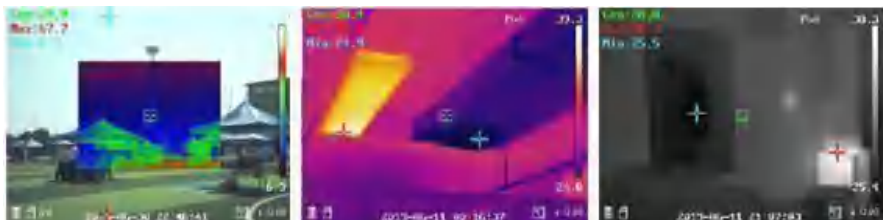
Fire Fighting Thermal Camera

AG800IRC



Features

- ◆ IP 67 Water proof, 2 meter drop proof
- ◆ Can work 5 minutes in 260 °C
- ◆ Temperature range: -20° C ~ 1500° C
- ◆ Laser range finder; E-compass
- ◆ Explosion proof
- ◆ WIFI, video, picture
- ◆ 384X288 resolution; 640X512 resolution
- ◆ 4 modes: thermal, fusion, picture in picture, visible light



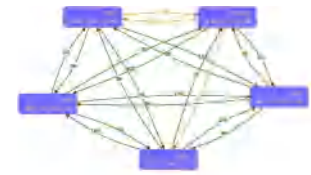
Thermal Helmet

FTK-Q-IRC4G

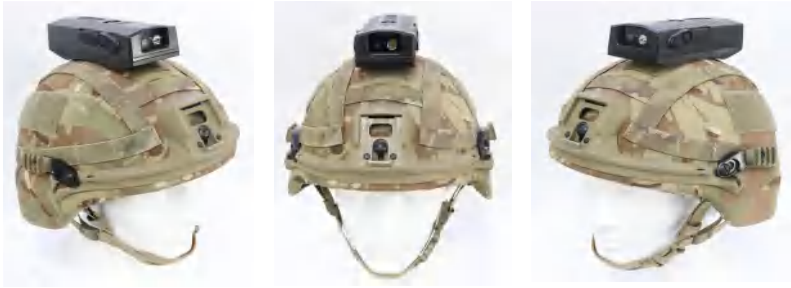


Features:

- ◆ Set the two hands of fire fighters free
- ◆ Built-in thermography and low light CMOS camera
- ◆ Housing is made of PA66 fire proof material
- ◆ 4G real time image transfer to control center
- ◆ Explosion proof
- ◆ GPS & bluetooth & WIFI
- ◆ Work with Mesh to create an localnetwork



SWAT Helmet Camera



Feature:

- ◆ Real time video transfer by 4G/5G;
- ◆ Preview video on Mobile APP;
- ◆ IP 67 protection; Explosion proof;
- ◆ GPS to show the coordinates on Google Map
- ◆ One-key SOS alarm;

