

UNITED DEFENSE MANUFACTURING CORP.
8383 Dr. A. Santos Avenue, Barangay San Antonio
1707 Parañaque City, PHILIPPINES
www.udmc-weapons.com



“Filipino Made, Globally Aimed!”

*“Beauty at its Finest, Reliability
at its Toughest!”*

*“At UDMC, Protection is our
Priority, Perfection is our
Integrity!”*



About the Company

A 100% Filipino company, United Defense Manufacturing Corp. (UDMC) is engaged in two strategic business units. Both SBU's are engaged in the sales and distribution of defense articles to the military and law enforcement agencies.

First, UDMC manufactures NATO standard rifles in calibers 5.56x45mm assault rifles and 7.62x51mm sniper rifles. Its sniper rifles are available in both semi-automatic and bolt action platforms using premium match barrels produced in the Philippines from Bergara barrel blanks in stainless steel SS-410 premium alloy. The barrels of their full-automatic assault rifles are made of 4150 carbon steel. UDMC holds three (3) Philippine patents for the unique design of their Philippine- manufactured assault rifles and precision rifles in gas-piston technology, an improvement over the Stoner-designed direct gas impingement system. UDMC has recently introduced the Bergara bolt action sniper rifles in calibers .308 and 6.5mm Creedmoor made in Spain by Dikar S. Coop. Bergara.

Second, UDMC represents foreign principals in promoting and distributing their defense articles in the Philippines for military and law enforcement use. Such articles are night fighting systems, force protection systems, naval assets, air assets, and ground application systems. UDMC has a wealth of experience in government tenders and knows very well the procurement law and procurement processes of the Philippine government under R.A. 9184 and its Implementing Rules and Regulations. This law is better known as the Government Procurement Reform Act.



2008

- Received its License to Operate as Manufacturer of Military Grade Rifles
- Starts Research and Development, Caliber 5.56 NATO rifles



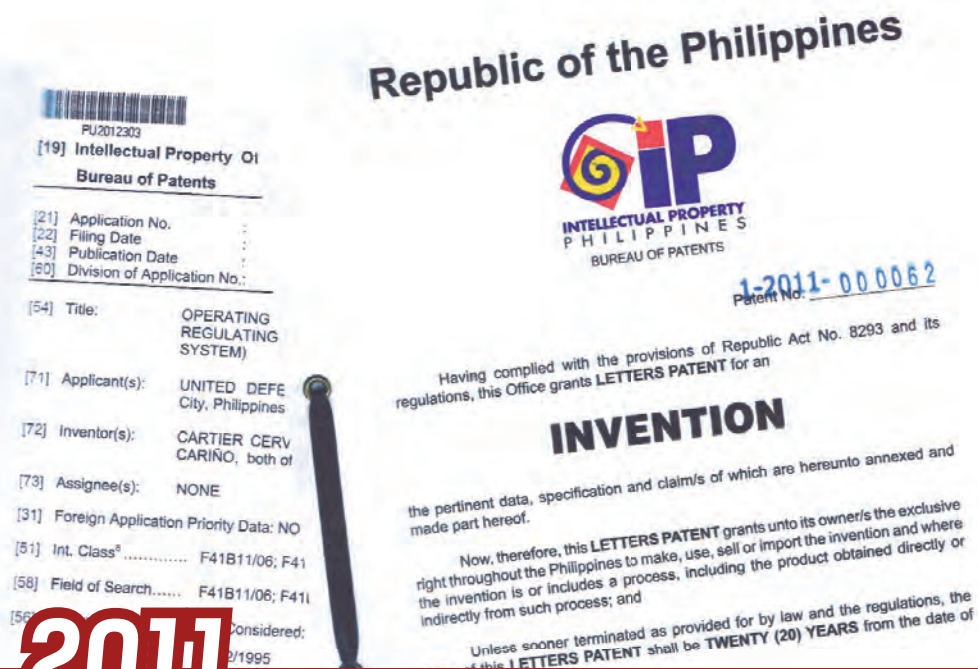
2009

- UDMC and Philippine Navy signs MOA to co-develop the F5-PVAR and F5-DGIS assault rifles
- Focus on the Philippine Navy SEALs as co-developer
- Granted 1st Philippine Patent, No. 1-2009-000176



2010

- UDMC invests on CNC machines and other modern production equipment



ABSTRACT

tic valve and rod gas-piston system for rifles comprising:
 and bolt head assembly, hollow handguard disposed forwardly of
 ssembly, a rod assembly and a barrel being held within the handgu
 refrom, and a pneumatic valve assembly being attached to said n
 rrel, said bolt carrier assembly includes a housing having a bolt he
 ed thereof, said bolt head assembly being integrated with th
 ember disposed within said housing having a firing pin movabl
 andguard having a plurality of bores which serve as gas exit ports
 sting of a biasing rod member having a gas expansion chamber
 ion with said pneumatic valve assem being
 is capable of actuating the solid bo
 gas within the gas expansion cham
 a gas block having a rifle sight integrat ed thereof, a
 valve member disposed within the gas block and in
 gas expansion chamber of said rod member



- Granted 2nd Philippine Patent, No. 1-2011-000062



2012

- Tests and Evaluation: Navy SEALs and PNP-SAF
- Tests and Evaluation: Philippine Army Research and Development Center
- Tests and Evaluation: PNP Directorate for Research and Development



2013

- Research and Development, Caliber 7.62 NATO precision rifles



2014

- The S7 precision rifle launched in January and on June 6, 2014 was presented to the Philippine Army at Camp O'Donnell, Capas, Tarlac
- Acquired ISO 9001: 2008 certification as manufacturer of firearms, ammunitions and other ordnance



2015

- Full production of the S7-DGIS 7.62 NATO precision rifles for sale to military, police and other government entities
- More CNC machines acquired. Started using Dassault Systeme' Solidworks (CAD) and Solidcam (CAM)



2015

- BERGARA Spain (Dikar S. Coop.) appoints UDMC as exclusive distributor in the entire Asia Pacific Region for the sale and distribution of all their bolt action rifles, parts and raw materials.



2016

- Development of export markets and international maritime security
- The Philippine Army Shooting Contingent uses UDMC rifles in the 2016 ASEAN Armies Rifle Meet, November 2016 at Camp O'Donnell Capas, Tarlac



2016

- Passed the PNP-SAF for the fabrication of prototype barrels for their SR-25 precision rifles



2017

- The Philippine Army Shooting Contingent bags Gold and Overall Champion in the Military Category using UDMC rifles in the 2017 First Rifle World Shoot held on June 2017 in Kubinka, Russia



2017

- UDMC enters the Night Fighting Systems market in the Philippines for ground, naval and aviation applications.



2017

- The Philippine Army Shooting Contingent uses UDMC rifles in the 2017 ASEAN Armies Rifle Meet held on November 2017 in Singapore



2017

- President Duterte accepts delivery of UDMC's DMR Rifles on behalf of the PNP and turns them over to newly-installed Chief PNP, General Oscar Albayalde with outgoing Chief PNP, retired General (now Senator), Ronaldo de la Rosa



2018

- Participated in the Asian Defense and Security (ADAS) 2018.

AWARDED CONTRACTS



Philippine Air Force

Supply and Delivery of 5.56 NATO Assault Rifles (2016)
Supply and Delivery of 9mm NATO Sub-machineguns (2018)



Presidential Security Group

Supply and Delivery of 5.56 NATO Rifles for Local PNP (2016)



Office of the President

Supply and Delivery of Night Vision Equipment, Helmets and Night Vision Capability and Modification of B-412 Presidential Helicopter Fleet (2019)



PNP - Special Action Force

Supply and Delivery of M4 Rifles (2017)
Supply and Delivery of K127.62 NATO LMG (2018)



Awarded contract by the PITC

Supply and Delivery of One Lot Various Brand New Spare Parts for the Repair of PVS-14 Night Vision Goggles for the Philippine Army (2019)



Philippine National Police

Supply and Delivery of 5.56 NATO Assault Rifle (2017)
Supply and Delivery of S&T K3 LMG Cal. 5.56 NATO (2019)
Supply and Delivery of 114 units Brand New Sniper Rifle 7.62 NATO (2021)



Philippine Army Shooting Team

Supply and Delivery of M4 Rifles (2016)



Awarded Contract by the PITC

Supply and Delivery of S&T K2C1 5.56 NATO Assault Rifles the PNP-SAF (2018)



Philippine Army

Procurement of One (1) Lot Military Police and Security Equipment (2020)
Procurement of 1,650 Spare Parts of M16A2 Rifles (2021)
Enhancement of One Lot Night Fighting System (2021)



Philippine Coast Guard

Supply and Delivery of Night Vision Goggles (2018)



City of Cadiz, Negros Occidental

Supply and Delivery of 5.56 NATO Rifles for Local PNP (2017)



City of Cauayan, Isabela

Supply and Delivery of Assault Rifles with Magazine & Ammo for Local PNP (2016)



Municipality of Polomolok, South Cotabato

Supply and Delivery of 5.56 and 7.62 NATO Rifles for Local PNP (2017)



City of Mandaue, Cebu

Supply and Delivery of Rifles for Local PNP (2016)
Supply and Delivery of 5.56 and 7.62 NATO Rifles for Local PNP (2017)



Municipality of Ipil, Zamboanga Sibugay

Supply and Delivery of 5.56 NATO Rifles and Handguns for Local PNP (2017) & (2018)



Municipality of Malaybay, Bukidnon

Supply and Delivery of 5.56 NATO Rifles for Local PNP (2017)



City of Malolos, Bulacan

Supply and Delivery of 5.56 NATO Rifles for Local PNP (2017)



City of Naga

Supply and Delivery of 5.56 NATO Rifles for Local PNP (2018)



**Municipality of Virac,
Catanduanes**

Supply and Delivery of 5.56 and 7.62 NATO Assault Rifles for Local PNP (2018)
Supply and Delivery of 7.62 NATO Rifles for Local PNP (2019)



Municipality of Carmona
Supply and Delivery of 5.56 NATO Assault Rifles for Local PNP (2018)



Province of Guimaras
Supply and Delivery of 5.56 NATO Rifles for Local PNP (2018)



Provincial Capitol of Cavite
Supply and Delivery of 5.56 NATO Rifles for Local PNP (2018)
Supply and Delivery of Single Stack Pistol and Breacher Shotgun (2021)



City of Pateros
Supply and Delivery of 5.56 NATO Rifles for Local PNP (2018)



Municipality of Maitum, Sarangani
Supply and Delivery of 5.56 NATO Rifles for Local PNP (2019)



Province of Iloilo
Supply and Delivery of 5.56 and 7.62 NATO Rifles for Local PNP (2019)



City of Sto. Tomas, Batangas
Supply and Delivery of Special Operation Assault Rifle for Sto. Tomas, Batangas (2019)



Municipality of Nabunturan, Davao De Oro Province
Supply and Delivery of 5.56 NATO Assault Rifles for Local PNP (2019)



City of San Pedro, Laguna
Supply and Delivery of Assault Rifle Caliber, Magazine and Ammunition for official use of PNP (2019)



City of Dagupan, Pangasinan
Supply and Delivery of 5.56 NATO Assault Rifles for Local PNP (2018)



Municipality of Lemery
Supply and Delivery of 5.56 NATO Assault Rifles for Local PNP (2018)



City of Sta. Rosa, Laguna
Supply and Delivery of Tactical SWAT Gear, Assault 5.56 NATO Rifles for Local PNP (2018)



Municipality of Aroroy
Supply and Delivery of 5.56 NATO Rifles for Local PNP (2018, 2019)



City of Danao
Supply and Delivery of 5.56 NATO Assault Rifles for Local PNP (2018)



Municipality of Caraga, Davao Oriental
Supply and Delivery of 3 Assault Rifles (2019)



Municipality of Rosario, Cavite
Supply and Delivery of 5.56 NATO Rifles for Local PNP (2019)



Municipality of Polomolok, South Cotabato
Supply and Delivery of 5.56 NATO Rifles, Tactical weapons and Equipment for Local PNP (2019)



City of San Pablo, Laguna
Supply and Delivery of 5.56 and 7.62 NATO Rifles for Local PNP (2019)



Municipality of Kawit, Cavite
Procurement of 5.56 NATO Service Firearms (2019)



City of Tagaytay
Supply and Delivery of Assault Rifles (2020, 2021, 2022)



City of Vigan, Ilocos Sur
Supply and Delivery of 5.56, 7.62 NATO Rifles and Shotgun (2020)



City of Tagum, Davao
Supply and Delivery of 37 units of Shotgun (2020)



Municipality of Amadeo, Cavite
Supply and Delivery of 5.56 NATO Rifles (2021)



Municipality of San Remigio, Cebu
Supply and Delivery of 5.56 NATO Assault Rifles (2021)



City of Tuguegarao, Cagayan
Supply and Delivery of Firearms and Equipment (2021)



Batangas City
Supply and Delivery of 5.56 and 7.62 Rifles (2021)



Cebu City Government
Supply and Delivery of Assault Rifles (2021)



Province of Catanduanes, Virac
Supply and Delivery of Firearms (2021)



Quezon City
Supply and Delivery of 7.62 NATO Rifles for Local PNP (2020)



Municipality of Tanza, Cavite
Supply and Delivery of Assault Rifles (2020)



City of Hiramaylan, Negros Occidental
Supply and Delivery of 5.56 NATO Rifles (2020)



City of Mabalacat, Pampanga
Supply and Delivery of 5.56 NATO Rifles (2021)



Municipality of Sindangan, Zamboanga Del Norte
Supply and Delivery of Bullpup Shotgun (2021) Assault Rifles (2021)



Municipality of Mahayag, Zamboanga Del Sur
Supply and Delivery of Firearms and Ammunition (2021)



Municipality of Makilala, North Cotabato
Supply and Delivery of 5.56 F5-PVAR Rifles (2021)

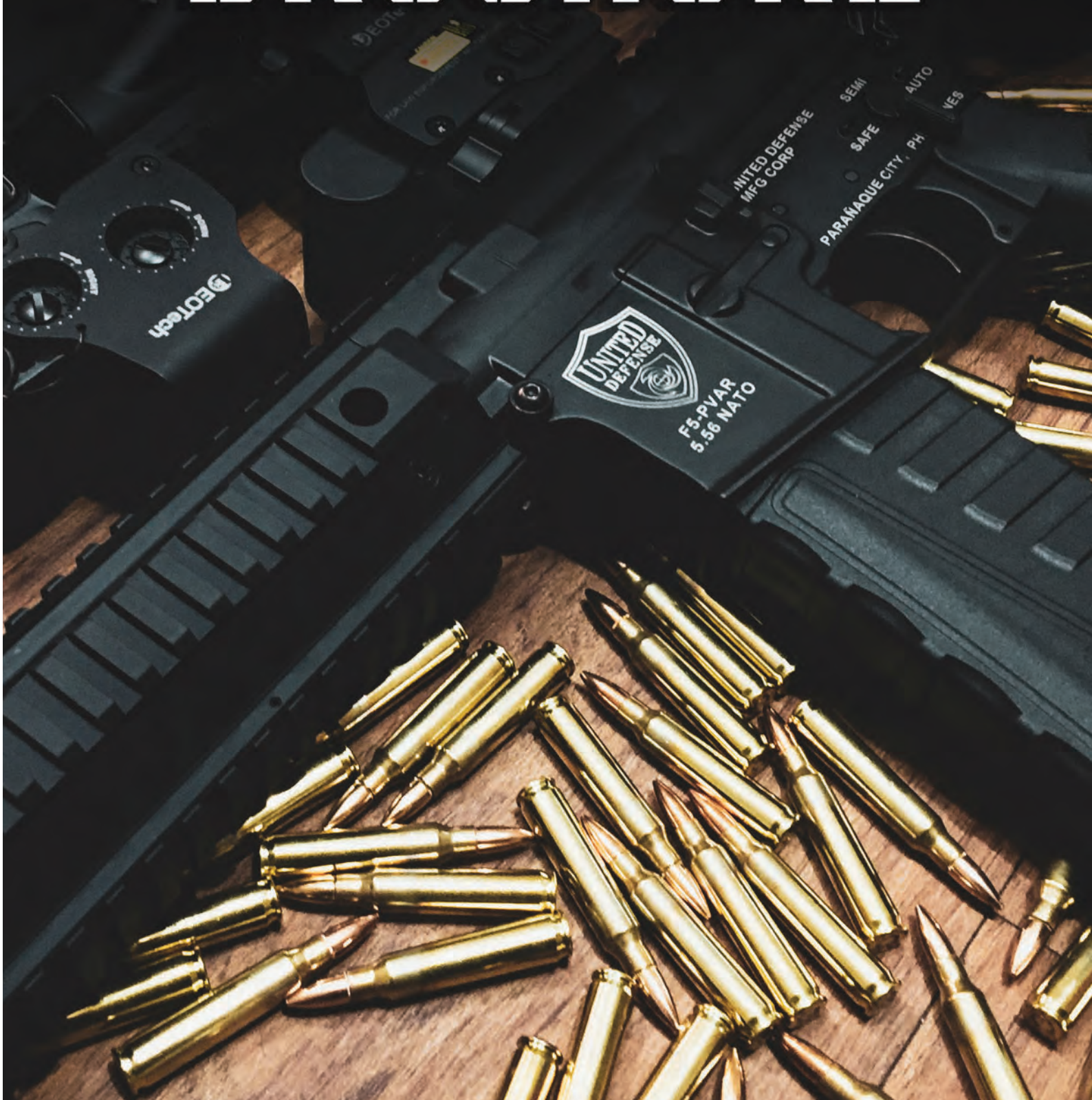


City of Sagay, Negros Occidental
Supply and Delivery of Various Guns/Rifles/Scope/Magazine and Ammunition (2021)



City of San Carlos, Negros Occidental
Supply and Delivery of Firearms (2022)

PRODUCT BROCHURE









Caliber 7.62 NATO Rifles

NOTE: These pictures are for illustration purposes only. The actual models may vary. Scopes, bipods, and other accessories will be priced accordingly.



S7-PVAR

- Operating System : Pneumatic Valve and Rod (gas piston)
- Firing Selector : Safe and Semi-Automatic
- Caliber : 7.62 NATO (7.62 x 51mm)
- Barrel Length : 22.5 inches
- Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
- Optional : Sound Suppressor
- Warranty issued by a Philippines company (not foreign)



S7-DGIS Full Length

- Operating System : Direct Gas Impingement System
- Firing Selector : Safe and Semi-Automatic
- Caliber : 7.62 NATO (7.62 x 51mm)
- Barrel Length : 22.5 inches
- Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
- Optional : Sound Suppressor
- Warranty issued by a Philippines company (not foreign)



S7-DGIS Compact

- Operating System : Direct Gas Impingement System
- Firing Selector : Safe and Semi-Automatic
- Caliber : 7.62 NATO (7.62 x 51mm)
- Barrel Length : 14.5 to 18 inches
- Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
- Optional : Sound Suppressor
- Warranty issued by a Philippines company (not foreign)



Caliber 5.56 NATO Rifles

NOTE: These pictures are for illustration purposes only. The actual models may vary. Scopes, bipods, and other accessories will be priced accordingly.



F5-PVAR

Standard Military Model

- Operating System : Pneumatic Valve and Rod (gas piston)
- Firing Selector : Safe, Semi and Full-Automatic
- Caliber : 5.56 NATO (5.56 x 45mm)
- Barrel Length : 10.5 to 14.5 inches
- Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
- Optional : Low concussion muzzle brake (LCMB Mini Suppressor)
- Warranty issued by a Philippines company (not foreign)



F5-DGIS

Standard Military Model

- Operating System : Direct Gas Impingement System
- Firing Selector : Safe, Semi and Full-Automatic
- Caliber : 5.56 NATO (5.56 x 45mm)
- Barrel Length : 10.5 to 14.5 inches
- Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
- Optional : Low concussion muzzle brake (LCMB Mini Suppressor)
- Warranty issued by a Philippines company (not foreign)



Caliber 5.56 NATO Rifles

NOTE: These pictures are for illustration purposes only. The actual models may vary. Scopes, bipods, and other accessories will be priced accordingly.



S5-DGIS

Standard Commercial Model

- Operating System : Direct Gas Impingement System
- Firing Selector : Safe and Semi-Automatic
- Caliber : 5.56 NATO (5.56 x 45mm)
- Barrel Length : 10.5 to 20 inches
- Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
- Optional : Low concussion muzzle brake (LCMB Mini Suppressor)
- Warranty issued by a Philippines company (not foreign)



S5-DGIS or F5-DGIS Mid-Length Commercial or Military Model

- Operating System : Direct Gas Impingement System
- Firing Selector : Safe and Semi-Automatic (Commercial)
- Firing Selector : Safe, Semi and Full-Automatic (Military)
- Caliber : 5.56 NATO (5.56 x 45mm)
- Barrel Length : 10.5 to 14.5 inches
- Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
- Optional : Low concussion muzzle brake (LCMB Mini Suppressor)
- Warranty issued by a Philippines company (not foreign)



Caliber 9mm Carbines & SMG's

NOTE: These pictures are for illustration purposes only. The actual models may vary. Scopes, bipods, and other accessories will be priced accordingly.



F9-SMG Military and Law Enforcement Model

Operating System : Blowback
Firing Selector : Safe, Semi and Full-Automatic
Caliber : 9mm NATO (9 x 19mm)
Barrel Length : 7.5 inches
Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
Optional : Low concussion muzzle brake (LCMB Mini Suppressor)
Warranty issued by a Philippines company (not foreign)



S9-DBB Commercial Model

Operating System : Blowback
Firing Selector : Safe and Semi-Automatic
Caliber : 9mm NATO (9 x 19mm)
Barrel Length : 6.5 to 16 inches
Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
Optional : Low concussion muzzle brake (LCMB Mini Suppressor)
Warranty issued by a Philippines company (not foreign)



S9-STUBBY Commercial Model

Operating System : Blowback
Firing Selector : Safe and Semi-Automatic
Caliber : 9mm NATO (9 x 19mm)
Barrel Length : 6.5 inches
Barrel Type : AISI Stainless Steel 410 bull barrel (barrel blank from Dikar S. Coop Bergara)
Optional : Low concussion muzzle brake (LCMB Mini Suppressor)
Warranty issued by a Philippines company (not foreign)



2011 Pistol and Shotguns

NOTE: These pictures are for illustration purposes only. The actual models may vary. Cerakoting, Hardchroming, and special engravings are excluded and will be priced accordingly.



2011 Double Stack

Caliber	: .45	Barrel Length	: 5 inches
Material	: SS-416 Slide, Frame and Barrel	Magazine	: 12 + 1 rounds
Plating	: All-black QPQ nitro-carburized	Grip	: Polymer
Sights	: Novak Style Adjustable		



Bullpup Semi-Automatic

Caliber	: Gauge 12	Receiver	: T6 Aluminum
Operating System	: Gas-Operated	Handguard Type	: T6 Aluminum Modular
Barrel Length	: 20 inches	Stock	: Fixed
Magazine	: 5+1 Rounds and 10+1 Rounds		



FOLDABLE
BUTTSTOCK

Breacher Semi-Automatic

Caliber	: Gauge 12	Receiver	: Steel
Operating System	: Gas-Operated	Handguard Type	: Polymer
Barrel Length	: 20 inches	Buttstock	: Retractable and Foldable
Magazine	: 7+1 Rounds		



Thermal Imaging Rifle Scope

UDMC THERMAL CLIP-ON MODEL-1



The UDMC Thermal Clip-On Model 1 is a compact thermal imaging clip-on system that allows quick transformation of the day optics into thermal imaging device without any special skills. The UDMC Thermal Clip-On Model-1 can be easily attached on to variable scopes.

Powered with two CR123 batteries the unit provides up to 5 hours of continuous work. An optional external battery pack (5V) with high-capacity is capable of increasing the total operation time to up to 44 hours.

The UDMC Thermal Clip-On Model-1 can be also connected to an optional video recorder for shooting real time video or external Wi-Fi module for conjunction with smartphones.

- Quick conversion of daytime optics into thermal imaging scope
- Mounts in front of any daytime scope, no re-zeroing is required
- FLIR Tau 2 17 μ m pitch thermal sensor
- Lightweight and robust design
- Easy to operate device
- Manually adjustable objective lens
- Real-time display
- Multiple color palettes
- Wireless remote control
- Waterproof
- External Wi-Fi module (optional)
- Optional video recording
- Integral MIL-STD-1913 rails for optional accessories
- Powered by two standard CR123A batteries
- External power supply via micro USB
- Limited 3-year warranty





Night Vision Goggles

UDMC PVS-14 NV MONOCULAR



The UDMC PVS-14 Night Vision Monocular is a rugged, lightweight, multi-purpose night vision device that has repeatedly proven itself in combat.

The UDMC PVS-14 design was originally commissioned by the United States Military to enable nighttime operations. This monocular is used globally in some of the most challenging environments. The UDMC PVS-14 can be used as a handheld device, or mounted on the included head harness. With the proper accessories, it can also be mounted to combat helmets, providing night vision capabilities to daytime optical sights. The UDMC PVS-14 monocular conforms to 810G Military standards and demonstrates the highest quality form and function.

The UDMC PVS-14 monocular is a full-featured unit. Weighing less than 12.4 ounces/ 0.32 kilograms. The unit includes manual gain control, an automatic bright light shut-off feature, and a built-in Infrared (IR) illuminator. The bright light shut-off feature ensures that the high-quality photocathode tube is protected. UDMC's PVS-14 includes an array of optional accessories to support virtually any operation.

- Compact, rugged design
- Waterproof
- Head or helmet-mountable for hands-free usage
- Manual gain control
- Ergonomic, simple, easy-to-operate controls
- Built-in Infrared illuminator and flood lens
- Limited 3-year warranty





Night Vision Goggles

UDMC AVS-9 NV GOGGLES



The UDMC AVS-9 NV Goggles is the most advanced TSO aviation night vision goggle on the market. The improved performance provides the highest image clarity and best low-light response available.

- Enhanced image clarity and quality for increased depth perception
- Improved low-light performance
- Exceptional high-light performance due to auto-gating
- Fully compatible with aircraft NVIS lighting systems
- FAA TSO C164a approved & EASA approved
- Fully compliant with RTCA DO-275 (Minimum operational performance standards for integrated night vision imaging system equipment)
- TSO approved, Aeronox® Mount and Battery Pack available for aviation standard flight helmets





UDMC THERMAL CLIP-ON MODEL-2

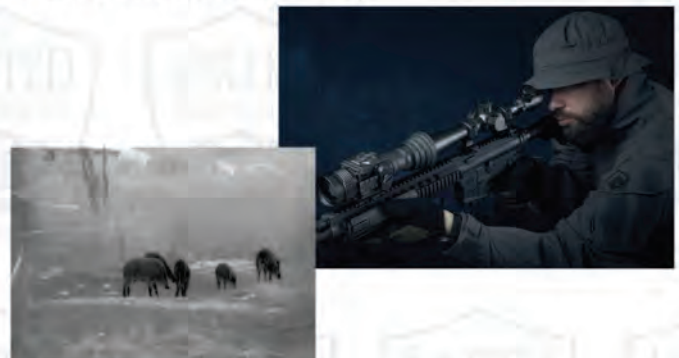


The UDMC Thermal Clip-On Model 2 is a compact thermal imaging clip-on system that allows quick transformation of the day optics into a thermal imaging device without any special tools or accessories. The UDMC Thermal Clip-On Model 2 can be easily attached to variable scopes. Two objective lens options allow choosing perfect unit for your needs where 38 mm lens is designed for short range shooting, 50 mm lens model will be great for medium range missions.

Powered with two CR123 batteries the unit provides up to 5 hours of continuous operation. An optional high-capacity external battery pack is capable of increasing the total operation time to up to 44 hours.

The UDMC Thermal Clip-On Model 2 can be also connected to an optional video recorder for shooting real time video or external Wi-Fi module in order to connect with smartphones.

- Quick conversion of daytime optics into thermal imaging scope
- Mounts in front of any daytime scope, no re-zeroing is required
- Electronic accuracy correction
- Lightweight and compact design
- Superior clarity, versatility and reliability
- Waterproof & shockproof
- Easy to operate control panel
- High resolution display
- Picture in Picture (PIP) mode with 2x digital zoom
- Automatic or manual (silent) calibration
- Stadiametric rangefinder
- Powered by two standard CR123A batteries
- External power supply via micro-USB
- Optional external Wi-Fi module and video recorder
- Integral rails on unit for optional accessories
- Limited 3-Year Warranty





UDMC THERMAL CLIP-ON MODEL-3



The UDMC Thermal Clip-On Model 3 is a long-wave infrared, uncooled, thermal imaging rifle scope designed for 24 hours operation, eliminating the need to dismount the unit from the rifle.

The housing is made of high-grade aircraft aluminum alloy, making it lightweight, but at the same time tough to tolerate high recoil. The waterproof design of UDMC Thermal Clip-On Model 3 grants excellent performance even under severe environmental and weather conditions. The device has a variety of options providing users with opportunity to choose between a set of different Germanium objective lenses (25mm, 50mm, 75mm or 100mm) and FLIR Tau 2 detector types (336x256 or 640x512), which allow the operator to achieve the most suitable performance for the tasks he faces.

The UDMC Thermal Clip-On Model 3's user-friendly interface, comfortable and ergonomic buttons, together with the wireless remote control, makes adoption and application incredibly simple. The Thermal Clip-On Model 3 includes a variety of color palettes and reticle patterns, adjustable image brightness and contrast, an internal menu, and digital zoom.

The capabilities of the device can be enhanced through the use of with Wi-Fi module, external video recorder or monitor. For long-term missions, an external battery pack can be connected via micro-USB port to drastically increase operation time.

- FLIR Tau 2 17 μ m pitch thermal sensor
- Lightweight and robust design
- Easy to operate device
- Manually adjustable eyepiece and objective lens
- Real-time display
- Multiple color palettes
- Digital zoom: 1x, 2x, 4x, and 8x
- Multiple reticle patterns
- Wireless remote control
- Waterproof
- Optional video recording
- External Wi-Fi module (optional)
- Integral MIL-STD-1913 rails for optional accessories
- Powered by two standard CR123A batteries
- External power supply capability
- Limited 3-year warranty





Bi-Spectrum Binoculars

UDMC THERMAL BINOCULAR



UDMC Thermal Binocular is equipped with ultra-low light optical detector, 640×512 thermal detector, 1024×768 OLED display and eyepiece with large field of view. The device can quickly discover and locate hiding objects even under extreme environment, such as smoke, fog, rain and Snow. It can be widely applied to scenarios like patrol, law enforcement, search and rescue, drug enforcement, antismuggling and suspect capture.


Due to its waterproof capability the device performs well even in severe weather conditions and challenging environment. The UDMC Thermal Binocular user-friendly interface, comfortable and ergonomic buttons makes adoption and application incredibly simple. The thermal imaging unit offers many different variants of image palettes: white hot/ black hot, etc. that can be easily adapted depending on different environmental conditions.


The unit can be easily mounted on a tripod which grants operator convenient/hands free use of thermal binocular.


This high-tech bi-ocular can take four 18650 rechargeable Lithium batteries for more than 7 hours operating time. Integrated proximity sensor saves energy. When sensor detects eyes, the OLED screen turns on, otherwise the OLED screen is off. In addition, an external power supply (5V) provides an increase in operating time.

- Bi-spectrum image fusion and object highlight (detail enhancement and target recognition)
- Selection of thermal view channel, visible light channel, or both them combined
- High resolution 640×512 thermal channel and 1280×960 optical channel
- Digital Detail Enhancement (DDE)
- Dynamic Noise Reduction (3D DNR)
- Adaptive Automatic Gain Control (AGC)
- Multiple color palettes
- High-sensitivity optical channel for ultra-low illumination conditions (0.001 lux)
- 0.39-inch OLED display
- Automatic OLED backlight
- Manual focus for thermal lens
- Video recording, replay, picture snapshot and search (capable to review the event on device)
- Wi-Fi hotspot
- GPS Function
- More than 7 hours continuous running
- Proximity sensor to save power
- Stadiametric rangefinder
- Waterproof, IP67
- Limited 3-Year
- GPS Function
- More than 7 hours continuous running
- Proximity sensor to save power
- Stadiametric rangefinder
- Waterproof, IP67

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BLACK KNIGHT



"Printed June 23, 2022"



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