

Function	Configurable via trigger	Configurable via GATE Control Station		
		BASIC edition	ADVANCED edition	EXPERT edition
Trigger sensitivity adjustment	✗	✓	✓	✓
Fire selector modes	Safe - Semi - Auto Safe - Semi - Semi Safe - Binary - Auto Safe - Semi - Burst GCS setting*	Safe - Semi - Auto Safe - Semi - Semi Safe - Binary - Auto Safe - Semi - Burst	216 modes. All variations of: Safe Semi Binary Burst Burst / Auto Auto	343 modes. All variations of: Safe Semi Binary Burst Burst / Auto Auto Semi Ramping
Burst	3 rd / 5 rd / GCS setting	3 rd / 5 rd	2 rd / 3 rd / 4 rd / 5 rd / 8 rd / 10 rd	2–99 rd
Burst mode	Full / Interruptible	Full / Interruptible	Full / Interruptible	Full / Interruptible
Pre-cocking boost	Needs to be preset via GCS	• Auto: Mid ¹ • Manual: Off / 1–250 ms	• Auto: Low ¹ / Mid ¹ / High ¹ • Manual: Off / 1–250 ms	• Auto: Low ¹ / Mid ¹ / High ¹ • Manual: Off / 1–250 ms
Pre-cocking mode	Off / On	Off / On	Off / On	Off / On
Magazine capacity	✗	Off / 30 BBs	Off / 30 BBs / 45 BBs / 115 BBs / 145 BBs / 185 BBs	Off / 1–250 BBs
Reload time	✗	3 s / Bolt catch ²	0.5 s / 1 s / 1.5 s / 2 s / 2.5 s / 3 s / Bolt catch ²	0–10 s / Bolt catch ²
Low ammo warning	✗	✗	Off / 10 BBs	Off / 1–250 BBs
Series safety limit	✗	Off / 30 BBs	Off / 30 BBs / 60 BBs	Off / 1–250 BBs
Sniper delay	✗	✗	0.2 s / 0.5 s / 1 s / 2 s / 3 s	0.01–5 s
ROF control	✗	• Off • Power: 100% / 90% / 80% / 70% / 60% / 50%	• Off • Power: 100% / 90% / 80% / 70% / 60% / 50% • Delay: 25 ms / 30 ms / 40 ms / 50 ms / 60 ms / 70 ms • Delay + Power	• Off • Power: 100% / 99% / 98% / ...1% • Delay: 5 ms / 10 ms / 15 ms / ...1000 ms • Delay + Power • Adaptive: 1 RPS / 2 RPS / 3 RPS / ...100 RPS
Battery protection	Off / LiPo / LiFe	Off / LiPo / LiFe	Off / LiPo / LiFe	Off / LiPo / LiFe / Manual 3–17.0 V ³
Low battery warning	Off / 3.2 V / GCS setting	• LiPo: Off / 3.2 V / 3.4 V • LiFe: Off / 2.7 V / 2.9 V	• LiPo: Off / 3.1 V / 3.2 V / 3.3 V / 3.4 V • LiFe: Off / 2.6 V / 2.7 V / 2.8 V / 2.9 V	• LiPo: Off / 3.1 V / 3.2 V / 3.3 V / 3.4 V / Manual 3–17.0 V ³ • LiFe: Off / 2.6 V / 2.7 V / 2.8 V / 2.9 V / Manual 3–17.0 V ³
Active brake	Adaptive / Off / GCS setting	Adaptive / 0% / 20% / 40% / 60% / 80% / 100%	Adaptive / 0% / 20% / 40% / 60% / 80% / 100%	Adaptive / 0–100%
Equalizer	✗	✗	Off / 2 LVL / 1 LVL	Off / 2 LVL / 1 LVL / Manual 1–100% ⁴
2-stage trigger	✗	✓	✓	✓
BB counter	N/A	LAST / BB1 / BB2 / FACTORY	LAST / BB1 / BB2 / FACTORY	LAST / BB1 / BB2 / FACTORY
Measurements	N/A	✗	Rate of fire, Trigger response, MOSFET temperature, Voltage, Current ¹	Rate of fire, Trigger response, MOSFET temperature, Voltage, Current ¹ , RMS power ¹ , Work ¹ , Efficiency ¹ , Battery drain per shot ¹ , ROF achieved on Semi
Diagnostics	Vibrations / Vibrations and LED ⁵	✓	✓	✓
Cycle detection	✗ (set to On by default)	On / Off	On / Off	On / Off / Manual
Custom vibrations	✗	✗	✗	✓
Alerts	✗	✓	✓	✓
Profiles of settings	N/A	✗	✗	✓
Settings packages	N/A	✓	✓	✓
Firmware update	N/A	✓	✓	✓
Firmware upgrade	N/A	One-time payment	One-time payment	N/A
TITAN application	As firmware edition	Up to extremely tuned	Up to extremely tuned	Up to extremely tuned
ASTER application	As firmware edition	Up to mid-tuned	Up to mid-tuned	Up to high-tuned

¹ N/A for ASTER

² Available only for TITAN V2 NGRS

³ For ASTER: 3–12.75 V

⁴ N/A for TITAN V2

⁵ Available only for ASTER

* GCS setting is a setting previously defined in GCS app, which value is not available for selection in this programming mode. Once you change such setting to a different option during programming via trigger and then exit this programming mode, it is no longer possible to set that setting from this level (it can be still specified via GCS).

Information in the table may be subject to change.