

QKits Country Blocker

for Magento 2

Version 2.0.0 | Professional GeolP Access Control

Overview

QKits Country Blocker is a professional Magento 2 extension that controls store access based on geographic location. Using MaxMind's GeoLite2 IP database, it identifies each visitor's country and enforces your access rules before the page loads. Block specific countries, restrict to your target markets, or protect your server from regional abuse.

Key Features

Allowlist / Blocklist Modes

Set allowed countries (e.g. US, CA) and everything else is blocked. Or block specific countries. Simple and flexible.

Built-in GeolP Management

Download and auto-update MaxMind GeoLite2 from admin. Weekly cron updates (52/year). CLI command available.

Customizable Block Page

Three modes: built-in template with your branding, custom HTML editor, or uploaded file. Preview before going live.

Access Request System

Blocked visitors request access via email verification. Auto-approve or manual approve modes. Rate limited with 8-digit codes.

Admin Panel Integration

Admin grids for approved IPs and access requests. Mass actions, filtering, sorting. Dedicated menu section.

Advanced Controls

Optional admin blocking, test country headers for QA, IP whitelisting, comprehensive logging.

License Management

Simple license key activation. Installs safely without key (blocking disabled) with clear admin notice.

Safe and Non-Destructive

Fail-open design. Dry-run mode. Never breaks admin, checkout, or Composer.

Admin Configuration

Stores > Configuration > QKits > Country Blocker

Config Group	Settings
License	License key entry and real-time validation status indicator
General Settings	Enable/disable, logging, allowed/blocked countries, whitelisted IPs
Block Page	Template mode, store name, logo, contact email, custom message, preview
Access Requests	Enable/disable, notification email, approval mode, max IPs, embed snippet
Advanced	Admin blocking, test country header, secret key
GeoIP Database	MaxMind key (encrypted), edition, path, download button, auto-update, status

How It Works

Step	Description
1	Visitor makes a request to your Magento store.
2	Middleware plugin fires before page load, checks visitor IP.
3	Whitelisted or approved IPs pass through immediately.
4	GeoIP database looks up country (sub-millisecond, local file).
5	If country is not allowed, a 403 block page is served.
6	Blocked visitors can optionally request access via email verification.
7	All actions logged with timestamps, IPs, and country codes.

Compatibility

Requirement	Details
Magento	2.4.x (tested on 2.4.7-p8)
PHP	8.1+
PHP Extensions	phar (recommended for GeoIP database extraction)
GeoIP Library	geoip2/geoip2 (auto-installed via Composer)
Database	MaxMind GeoLite2 (free account required)

Requirement	Details
Installation	Composer-based distribution
Dependencies	No other Magento modules required (fully standalone)

Purchase and Support

QKits Country Blocker is available at www.qkits.com. After purchase, you receive a license key and detailed installation instructions including your Composer repository credentials.

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