IRIDEX CORP Form SC 13G/A February 14, 2007

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### UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

#### **SCHEDULE 13G**

**Under the Securities Exchange Act of 1934** 

(Amendment No. 1)\*

Iridex Corporation (Name of Issuer)

Common Stock (Title of Class of Securities)

462684101 (CUSIP Number)

December 31, 2006 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- x Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)
- \* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1745 (3-06)

Page 1 of 6 pages

CUSIP No.462684101		13G	Page 2 of 6 Pages
	porting Person et Management LLC 5451		
2. Check the A	ppropriate Box if a Meml	per of a Group (See Instructions)	
(a) o (b) o			
3. SEC Use Or	ıly		
4. Citizenship State of Delawa	or Place of Organization are		
Number of Shares Beneficially Owned by Each Reporting Person With:	<ul> <li>5. Sole Voting Power 0</li> <li>6. Shared Voting Power 757,134</li> <li>7. Sole Dispositive I 0</li> <li>8. Shared Dispositive T57,134</li> </ul>	wer Power	
9. Aggregate A 757,134	amount Beneficially Own	ed by Each Reporting Person	
10. Check if the	Aggregate Amount in Ro	ow (9) Excludes Certain Shares (Se	e Instructions)
11. Percent of C	lass Represented by Amo	unt in Row (9)	

12.	Type of Reporting Person (See Instructions)
	IA

CUSIP No. 462684101	13G	Page 3 of 6 Pages
1. Name of Reporting Pers Black River Long/Short Fur Tax ID #98-0475958		
2. Check the Appropriate	Box if a Member of a Group (See Instructions	)
(a) o (b) o		
3. SEC Use Only		
4. Citizenship or Place of Cayman Islands	Organization	
Number of Shares 0  Beneficially Owned by 6. Shared Vo Each 594,907  Reporting Person 7. Sole Dispon With: 0  8. Shared Disponents 594,907	ting Power	
9. Aggregate Amount Ben 594,907	neficially Owned by Each Reporting Person	
10. Check if the Aggregate o	Amount in Row (9) Excludes Certain Shares	(See Instructions)
11. Percent of Class Repres	sented by Amount in Row (9)	

12.	Type of Reporting Person (See Instructions)
	00

CUSIP No. 462684101		13G	Page 4 of 6 Pages
Item 1.	(a)	Name of Issuer: Iridex Corporation	
	(b)	Address Of Issuer's Principal Executiv 1212 Terra Bella Avenue Mountain View, CA 94043-1824	e Offices:
Item 2.	(a)	Name of Person Filing: This statement is filed by: (i) Black River ("Black River") with respect to shares of Issuer ("Shares") owned by Black River I Ltd. ("Long/Short Fund") and the Black I Fund LLC; and (ii) the Long/Short Fund owned by it.	common stock of the Long/Short Fund River Long/Short Opportunity
	(b)	Address of Principal Business Office, of Business office of Black River 12700 Whitewater Drive Minnetonka, MN 55343	r, if none, Residence:
		Business office of Long/Short Fund P.O. Box 309GT Ugland House South Church Street George Town, Grand Cayman Cayman Is	elands
	(c)	Citizenship: Black River is a Delaware limited liability Long/Short Fund is a Cayman Islands exe	- ·
	(d)	<b>Title of Class of Securities:</b> Common Stock	
	(e)	Cusip Number: 462684101	
If this statement is filed p person filing is a:		ant to §§240.13d-1(b) or 240.13d-2(b) or	(c), check whether the
	(a)	o Broker or dealer registered under sectio 780).	n 15 of the Act (15 U.S.C.
	(b)	o Bank as defined in section 3(a)(6) of the	e Act (15 U.S.C. 78c).
	(c)	o Insurance company as defined in sectio U.S.C. 78c).	n 3(a)(19) of the Act (15
	(d)	o Investment company registered under so Company Act (15 U.S.C. 80a-8).	ection 8 of the Investment
	(e)	x An investment adviser in accordance w	
	(f)	o An employee benefit plan or endowmer §240.13d-1(b)(ii)(F).	nt fund in accordance with

o A parent holding company or control person in a	accordance with
(g) §240.13d-1(b)(1)(ii)(G).	
o A savings association as defined in Section 3(b)	of the Federal
(h) Deposit Insurance Act (12 U.S.C. 1813).	
(i) o A church plan that is excluded from the definition	on of an investment
company under section 3(c)(14) of the Investment	Company Act of
1940 (15 U.S.C. 80a-3);	
(j) o Group in accordance with §240.13d-1(b)(ii)(J).	

CUSIP No. 462684101 13G Page 5 of 6 Pages

#### Item 4. Ownership

The percentages used herein are calculated based upon the Shares issued and outstanding as of December 15, 2006, as reported on the Issuer's quarterly report on Form 10-Q filed for the fiscal period ending September 30, 2006.

As of close of business on December 29, 2006.

- 1. Black River Asset Management LLC ("Black River")
- (a) Amount beneficially owned: 757,134
- (b) Percent of class: 9.6%
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote: 0
  - (ii) Shared power to vote or to direct the vote: 757,134
  - (iii) Sole power to dispose or to direct the disposition of: 0
  - (iv) Shared power to dispose or to direct the disposition of: 757,134
- 2. Black River Long/Short Fund Ltd. ("Long/Short Fund")
- (a) Amount beneficially owned: 594,907
- (b) Percent of class: 7.6%
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote: 0
  - (ii) Shared power to vote or to direct the vote: 594,907
  - (iii) Sole power to dispose or to direct the disposition of: 0
  - (iv) Shared power to dispose or to direct the disposition of: 594,907

Black River does not own any Shares or securities convertible into shares. Pursuant to an investment advisory agreement, Black River has investment and voting power with respect to the securities held by the Long/Short Fund.

#### Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following o.

#### Item 6. Ownership of More Than Five Percent on Behalf Of Another Person

Not applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

Not applicable

#### Item 8. Identification and Classification of Members of The Group

Not applicable

### Item 9. Notice of Dissolution of Group

Not applicable

#### Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

CUSIP No. 462684101 13G Page 6 of 6 Pages

#### **SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 14, 2007

Date

/s/ Robert Goedken

Signature Black River Asset Management LLC Robert Goedken, Chief Legal Officer Name/Title

February 14, 2007

Date

/s/ Robert Goedken

Signature

Black River Long/Short Fund Ltd. By: Black River Asset Management LLC, Its

**Investment Advisor** 

Robert Goedken, Chief Legal Officer

Name/Title

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative other than an executive officer or general partner of the filing person, evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

*NOTE*: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. *See* §240.13d-7 for other parties for whom copies are to be sent.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)