

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
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Анализатор качества воды Water Quality Analyzer



ATE7000 remote sensing hyperspectral water quality monitoring system is a real-time online remote sensing monitoring product launched for river course, lake, ocean, water source area and other application fields. ATE7000 is a combination of hyperspectral water quality monitoring, water level monitoring, on-site video forensics of a new form of products.

ATE7000 adopt international leading water quality hyperspectral remote sensing technology, it built the high development and production of high-performance spectrum analyzer, the joint Chinese Academy of Sciences, invest a lot of cost, the depth of the joint development of training learning inversion algorithm, and tens of thousands of times of water samples in field experiments, thus successfully developed the water quality of multi-parameter monitor in real time.

The ATE7000 can provide real-time in-situ multi-parameter water quality parameters and liquid level information, timely alarm for abnormal conditions, and record field visible light video/pictures.

The ATE7000 monitoring data and field images can also be uploaded to the cloud platform for real-time multi-point information collection, threshold alarm setting for each point, and historical information review and global trend judgment for the region.

Optosky also jointly developed the industry standard "Technical guidelines for spectral on-line water quality monitoring system" with its peers, which was promulgated and passed in 2020.

OPTICAL PARAMETER

Focal Distance

2.8~12mm, 4 times the optics

DETECTOR

Detector Type	1/1.8 " progressive scan CMOS
Detector Model	Single point spectrometer
Measurement Parameter	Chlorophyll, total nitrogen TN, total phosphorus TP, transparency, COD, turbidity, ammonia nitrogen NH3-N, suspended solids concentration, etc.
Measurement Range	8m

HYPER SPECTRAL

FOV Width	107.4~39.8° (wide angle)
Spectral Range	400-1000nm
Image Surface Size	2560×1440
Spectral Resolution	1 nm
Cloud Platform	Level angle 360° Vertical angle -5°~90°
Weight	8KG

RAMAN SPECTROMETER LASER PARAMETERS

Power Stability	<50W
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ELECTRICAL PARAMETER

Power Supply	DC12V, 5A
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