

Code: BC-TYQ40

## BIRD FEEDER WITH PHOTO TRAP **BC-TYQ40**

The BC-TYQ40 smart feeder is equipped with a large grain bin and a high-resolution camera with PIR detector. The use of PIR detector and photovoltaic panels placed on the canopy allows the device to work for a long time after charging the batteries. Camera is triggering by PIR detector and based on its settings can take one image or a few images or records a video sequence. Built-in Infra-Red illuminator enables night monitoring.

In addition, the device uses a Wi-Fi network for communication, allowing viewing from mobile devices via the cloud. It is also possible to configure PUSH notifications to be sent every time the camera wakes up.

Intelligent bird recognition function can distinguish more than 10000 species from around the world. Use of this feature requires an additional in-app purchase.



Sensor:	4 Mpx CMOS
View angle:	130 °
Range of IR illumination:	6 m
Built-in monitor:	—
Internal memory:	—



# DATA SHEET

External memory:	Micro SD card support up to 128GB (not included)
Video sequence resolution:	2560 x 1440
Day/night mode:	ICR automatic filter
PIR detector:	✓
GSM/GPRS communication:	—
SIM card:	—
Battery power supply:	2 pcs 18650 battery - 4000 mAh Battery charging : 5 V, USB-C connector
Stand-by power consumption:	250 $\mu$ A
Operating power consumption:	max. 300 mA
Operation temp:	-20 °C ... 60 °C
Permissible relative humidity:	5 ... 90 % (non-condensing)
Audio:	<ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Speaker built-in</li><li>• Audio transmission via network</li></ul>
Mobile phones support:	<ul style="list-style-type: none"><li>• The device supports the Tris Home cloud, which can be accessed from a smartphone using the application :<ul style="list-style-type: none"><li>- Android: <a href="#">Tris Home</a> free application</li><li>- iOS (iPhone): <a href="#">Tris Home</a> free application</li></ul></li></ul>
Main features:	<ul style="list-style-type: none"><li>- Additional paid features in the form of a subscription - Intelligent recognition of more than 10000 bird species</li><li>- Photovoltaic panels integrated into the canopy</li><li>- Large grain bin</li></ul>
Weight:	0.8 kg
Dimensions:	160 x 255 x 295 mm
"Index of Protection":	IP66
Operation temp:	-20 °C ... 55 °C
Guarantee:	2 years