

SUPPORT INFORMATION

US support@snaptain.com

TEL [+1415991-6646](tel:+1415991-6646) (Mon-Fri)

www.snaptain.com

singapore@snaptain.com

singapore@snaptain.com

USER MANUAL

Please read this manual carefully before flying and keep it for future use.

10-11

AIM HIGH FLY HIGH

Thank you for choosing our product and putting your trust in us.
Contact us via email at support@snaptain.com or call us [+1415991-6646](tel:+1415991-6646) (Mon-Fri)
If you have any questions or concerns about the product.

We hope our products will make flying a whole new experience for you!

Please read the manual carefully for the best use of this product.

CONTENTS

IMPORTANT SAFETY PRECAUTIONS	01
FLY SAFELY	02
BATTERY SAFETY	04
WHAT'S INCLUDED	05
PRODUCT OVERVIEW	06
Drone	06
REMOTE	08
FIRST-TIME USE	11
Flight Preparation	11
Connect the SNAP-TAIN FPV App with Your Drone	16
FUNCTION OVERVIEW	17
Flight Control	17
Functions	19
Camera	22
App Downloading and Installation	24
EXPLANATIONS OF DRONE'S LED INDICATORS	25
BEEP EXPLANATION	25
SPECIFICATIONS	26
Drone	26
Camera	27
Remote	28
USB Charging Cable	28
Mobile System Supported	28

ENGLISH

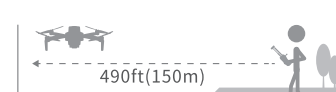
IMPORTANT SAFETY PRECAUTIONS
EN

This drone can pose a danger when it is used. When flying, keep your drone so that you keep it away from other people. Incorrect installation, poor conditions, or unfamiliar users may damage the drone, cause injury, or lead to an unexpected accident. Make sure that you pay close attention to flying conditions, and learn how to identify more dangerous conditions that may cause an accident due to your negligence.

- Avoid crowded and structures**
There may be uncertainty about the drone's flight state and speed while in flight, which can cause potential danger. When flying, keep your drone far away from crowds, buildings, trees, structures, high-voltage wires, etc.. Flying should also be avoided in adverse weather conditions such as rain, storms, and high winds to ensure the safety of the user, spectators, and property around the site.
- Avoid most environments**
Drones are made up of a variety of precision electronic and mechanical components. As a result, please make sure that moisture and water do not enter the drone. This can prevent mechanical or electronic parts from malfunctioning and thus causing an accident.
- Only fly over the included parts for insurance use**
For any maintenance or repairs, please use the original parts made by SHANTIAN. You should only use and operate the product in accordance with its permitted functions. The warranty will be voided if you apply wronged parts. Note that within the scope of your local laws and regulations, and NOT for illegal purposes.
- Avoid controlling the drone alone**
It may be difficult for beginners to operate this drone at the beginning. Please avoid flying the drone alone. When possible, operate this drone under the guidance of an experienced pilot.
- Fly safely**
Fly this drone in accordance with your state and flying skill. There is an increased probability of accidents if a person is fatigued, has a poor mental state, or operates recklessly.
- Stay away from the starting parts**
You should keep the drone away from you and any surrounding persons or objects when flying. If you fly ahead.
- Keep it away from heat sources**
Drones are made of metal, plastic, electronics, etc. Avoid prolonged exposure to direct sunlight and keep away from any heat source. Excessive heat exposure can cause distortion and damage.

FLY SAFELY

FPV transmission requirements:
Make sure to fly the drone in an open area without any interference or obstacles.
Do not fly against the wind.



Fly in Open Areas
 Stray GPS Signal
 Maintain Line of Sight
 Maximum Flight altitude (limit to about 240ft/80m)

Avoid flying over or near obstacles, crowds, high-voltage power lines, trees, airports, or motor vehicles.

DO NOT fly near strong electromagnetic sources such as power lines and base stations as they may affect the onboard compass.

DO NOT use the drone in adverse weather conditions such as rain, snow, fog, and wind speeds exceeding 5 m/s or 12 mph.

Stay away from rotating propellers and motors
 No Fly Zone

For your safety and that of those people around you, it's important to understand basic flight guidelines. Before flying, make sure you read the safety precautions.

03 [support@megarobot.com](https://support.megarobot.com)

BATTERY SAFETY

⚠️ RISK OF EXPLOSION! BATTERIES REPLACED BY AN INCOMPETENT PERSON, "REPAIR" OR USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

"BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY"

"Under no circumstances should the battery touch any liquids. After using the battery, it is advisable to use the original charger for charging the batteries."

"It is not allowed to use wet conditions that are not provided for by the manufacturer. Additionally, it is advisable to use the original charger for charging the batteries."

"Batteries that are swollen, leaking, or damaged are strictly forbidden."

"It is recommended to use the battery between 15°C (59°F) and 20°C (68°F). Overheating may lead to a fire or explosion. A battery's performance can be adversely affected by extremely low temperatures."

"Do not insert or connect the battery with any other object."

"Battery liquids if highly corrosive, so stay away if you leak. If skin or eyes are contacted, rinse immediately with plenty of water and seek medical attention."

"Properly store the battery out of children's reach. Immediately seek medical attention if a child swallows the part."

"After being damaged or impacted, the battery should not be used again."

"Place the battery away from heat sources, such as a car in direct sunlight or on a hot day, a fire or a stove."

"To prevent a battery from entering an over-discharged state, avoid storing it for extended periods of time once it has been fully discharged. If a battery is overcharged, the battery will not be damaged and unable to be recharged."

04 [support@megarobot.com](https://support.megarobot.com)

*How to Replace the Propeller Assembly(Optional)

The marks on the propellers (A/B) still match the marks on the drone arms when you replace the propellers.

A propeller. Starting with letter A, B/A, 42, etc.

REMOTE

- ① Phone Holder
- ② Speed Switch
- ③ One Key Take-off and Landing
- ④ Left Control Stick
- ⑤ Power Button
- ⑥ Charging Port
- ⑦ Antenna
- ⑧ Emergency Stop
- ⑨ Circle Fly
- ⑩ Right Control Stick
- ⑪ 30-Top
- ⑫ Battery Power Indicators

ED30 is easily operated and simple to use drone for beginners. It is made for fun and hobby use. The ED30 features a downward vision positioning system, and can fly both indoors and outdoors. ED30 has a maximum flight time of 20 minutes, which is suitable for short distance flights. To operate the ED30, you need a remote control or an app. Please refer to the user manual for more detailed instructions on flying the drone.

WHAT'S INCLUDED

Drone x1

Spare Propellers (x2) Bx2

Carrying Bag x1

USB Charging Cable x1

Battery x1

Screwdriver x1

User Manual x1

Propeller Guard x4

Remote x1

Screws

Quick Guide x1

PRODUCT OVERVIEW

Drone

① Power Button

② Propeller

③ Bay Arm

④ Camera

⑤ Front Arm

⑥ Front LED Indicators

⑦ Memory Card Slot

⑧ Battery

⑨ Optical Flow Sensor

⑩ Rear LED Indicator

⑪

⑫

⑬

⑭

⑮

⑯

⑰

⑱

⑲

⑳

㉑

㉒

㉓

㉔

㉕

㉖

㉗

㉘

㉙

㉚

㉛

㉜

㉝

㉞

㉟

㊱

㊲

㊳

㊴

㊵

㊶

㊷

㊸

㊹

㊺

㊻

㊼

㊽

㊾

㊿

Support@outdoor.com

EN

Speed Switch:
Press this button to toggle between different speed levels.

One Key Take-off/Landing:
Place the drone on a flat and level surface, then press and hold this button for 1 second to make it ascend and hover at a height of 3.6ft (1.2m). When the drone's beeping stops and hold this button for 1 second to make it descend and land until the propellers stop rotating.

Left Control Stick:
Push this stick to make the drone ascend, descend, rotate forward and rotate backward.

Power Button:
Press and hold it for 3 seconds to power on the drone; press and hold it for 3 seconds again to power off the drone.

Emergency Stop:
In an abnormal situation occurs when the drone is below 220ft (67m), you can press and hold this button for 3 seconds to make an emergency stop. (When this function is activated, the drone's motor and propellers will stop rotating, causing it to fall from the sky and potentially pose risks of damage. Use this function with caution.)

3D Flip:
Press this button to enable this function; then push the right control stick to flip the drone.

Battery Power Indicators:
Displays the remote's battery status. Each indicator represents 25% power.

Camera Tilt:
Push this gear leftward or rightward to tilt the camera.

Record Video:
Press this button to start recording a video; press it again to stop the recording and save the video to both your mobile phone & memory card.

Zoom In-Out:
Push this gear leftward or rightward to adjust the lens focus.

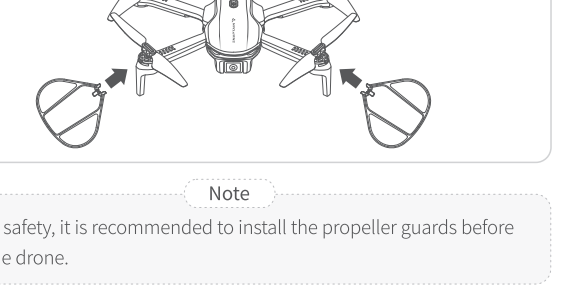
Take Photo:
Press this button to take a photo and save it to both your mobile phone & memory card.

EN

07	Support@propan.com		Support@propan.com	08
EN				EN

Push this stick to control the direction the drone flies.	
22 support.1028.com	support.1028.com 10

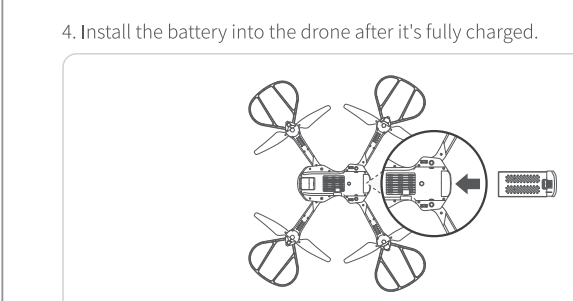
2. Attach the propeller guards to the drone.



Note
For flight safety, it is recommended to install the propeller guards before you fly the drone.

3. <https://snaptrain.com>

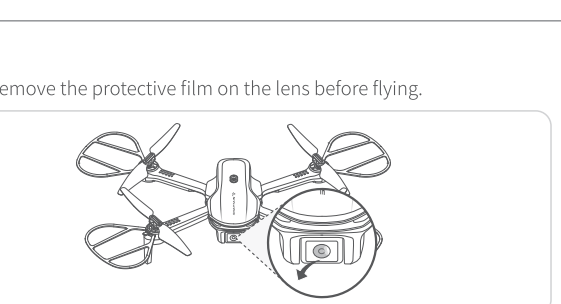
4. Install the battery into the drone after it's fully charged.



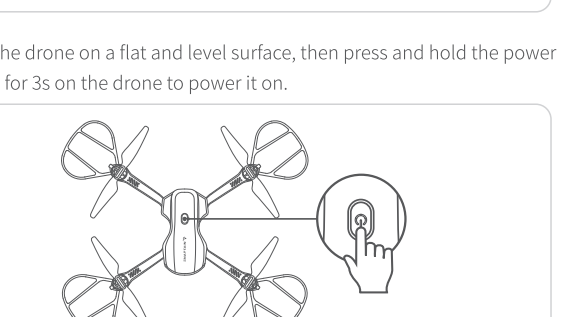
<https://snaptrain.com>

EN

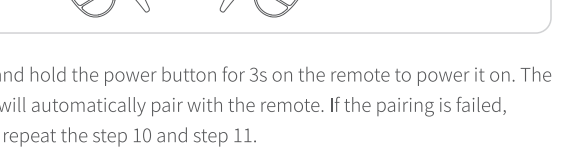
9. Please remove the protective film on the lens before flying.



10. Place the drone on a flat and level surface, then press and hold the power button for 3s on the drone to power it on.



11. Press and hold the power button for 3s on the remote to power it on. The drone will automatically pair with the remote. If the pairing is failed, please repeat the step 10 and step 11.

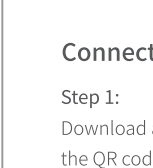
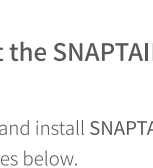


EN

* Pairing: All the indicators on the drone quickly flash 3 times.
* Successfully Paired: All the indicators on the drone turn solid on.

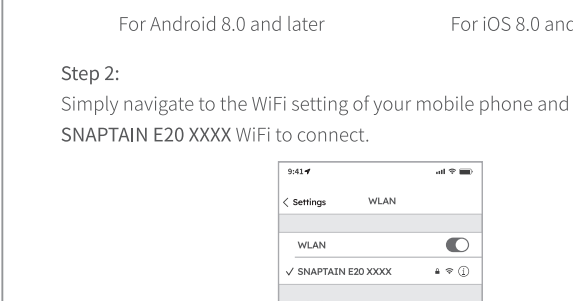
Connect the SNAPTRAIN FPV App with Your Drone

Step 1:
Download and install **SNAPTRAIN FPV** from Google Play/ App Store/ or scan the QR codes below.

For Android to scan later For iOS to scan later

Step 2:
Simply navigate to the WiFi setting of your mobile phone and search for **SNAPTRAIN E20 XXXXX WiFi** to connect.



6. Charge the remote with the USB cable provided in the box.

Charging Power Indicator: flash one by one
Fully charged 4 indication turn solid on
Low Battery: The leftmost indicator flashes

The cable can connect to a plug with a maximum output of 5V 3A.

NOTE

The phone holder can accommodate smartphones with a width ranging from 1.27 inches (32mm) to 3.3 inches (85mm).

12 | support@tossanton.com | support@tossanton.com | 14

EN

Step 3:
Launch the **SMARTAPP FPV** app, then tap to enter the main page to see the live preview.

FUNCTION OVERVIEW

Flight Control

1. Unlock the drone

Option 1:
For your safety, the propellers of the drone are locked by default. To unlock the drone, please simultaneously push the **Left Control Stick** to the lower left at 45° and the **Right Control Stick** to the lower right at 45° until the 4-propellers start rotating.

EN

2. Flight Directions

Left Control Stick

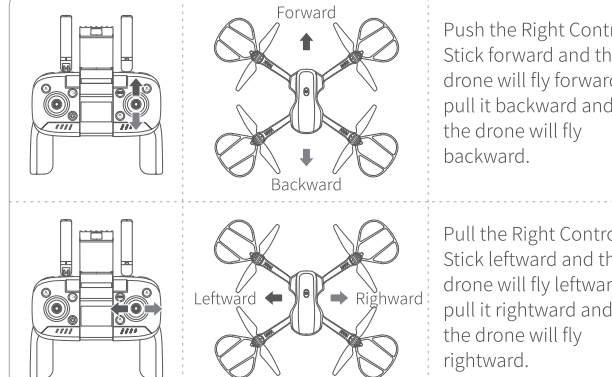
Up
Down

Push the Left Control Stick forward and the drone will ascend, pull it backward and the drone will descend.

Left
Right

Push the Left Control Stick leftward and the drone will rotate to the left, pull it rightward and the drone will rotate to the right.

Right Control Stick



Forward

Backward

Leftward

Rightward

Push the Right Control Stick forward and the drone will fly forward; pull it backward and the drone will fly backward.

Pull the Right Control Stick forward and the drone will fly leftward; pull it leftward and the drone will fly rightward.

Functions

One Key Take-off and Landing

* Take-off: Place the drone on a flat and level surface without any obstacles, then press this button to make it ascend and hover at a height of 1.38 (1.2m).



Icon on the App

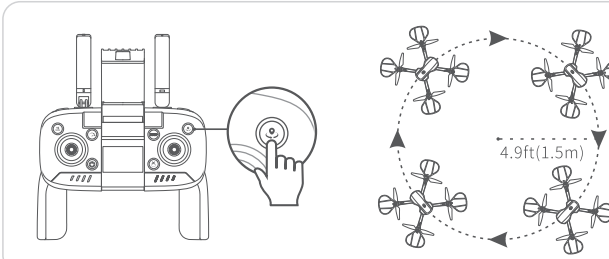
* Land: When the drone hovers in the air without the operators, press this button to make it descend and land and let the operators stop rotating.



Icon on the App

Circle Fly

If there are no obstacles within a radius of 5 meters around the drone, press the  button on the remote control to make the drone fly in a circular pattern.



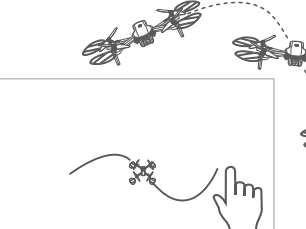
Press the button  again to disable this function. It's important to note that this function cannot be enabled when the drone's battery is low.

[support@mstvision.com](http://support.mstvision.com)

[support@mstvision.com](http://support.mstvision.com)

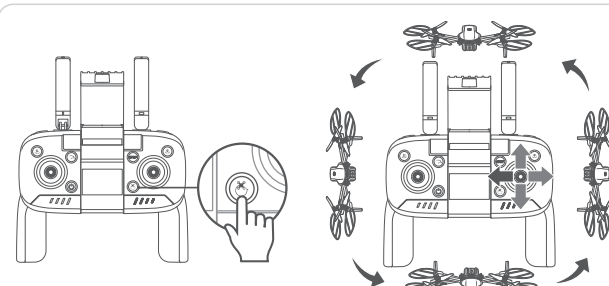
EN Trajectory Flight

- Open the App and navigate to the main page.
- Tap on the  (Trajectory Flight) icon and adjust the scale by sliding the scale bar. The default distance is set to 1.5.
- Use your finger to draw a desired flight path on the blank area of the screen.
- The drone will follow the trajectory path without changing its flight height, but the length of the trajectory will vary based on the selected scale.



EN 30 Flip

After flying the drone to a height of at least 6.0 (20ft), press the  button to activate the 30° Flip function. Once activated, use the Right Control Stick to perform flips. Push the stick forward, backward, upward, or downward to execute a 360° Flip in the corresponding direction.



Please note that this function cannot be enabled when the drone's battery is low.

Emergency Stop

If an abnormal situation occurs when the drone is above 32.8ft (10m), you can press and hold this button for 3 seconds to make an emergency stop. When this function is activated, the drone's motor and propellers will stop rotating, causing it to fall from the air and potentially pose risks of damage. Use this function with caution.

Note
This function is not available when the drone's height is over 32.8ft (10m).

[support@mstaplan.com](http://support.mstaplan.com)

support@mstaplan.com

23		support@prophet.com	* Before inserting the memory card into the drone, ensure that it is formatted as FAT32 format.		support@prophet.com	24		
EN								
Status		Beep(s)		Wind Speed Resistance				
Low Battery		2 short beeps every 2s		5m/s (level 3)				
Find Your Drone		shortly beeps for 1 minute		Battery Capacity				
Powering on the remote		1 short beep		3.8V 2000mAh Lithium Battery				
Powering off the remote		2 short beeps		Charging Time				
Emergency Stop		6 short beeps		~1 hour (depending on the power of the charger)				
CAMERA								
FOV		≈90°		Photo Resolution				
Weight (with battery installed)		181g		E1D:1920 × 1080				
				E2D:2876 × 1680				
				E4p:3420x and Memory Card)				
Max. Flight Time		20 minutes		Video Resolution				
Operating Temperature		-32°F -104°F(°C: -40°C)		E1D:				
				1280 × 1080/30fps (4Kp, 4Kp@30)				
				1920 × 1080/30fps (Memory Card E2D:				
Dimensions		10.75x 11.92x 2.2inch(es); 27.3KID 3Kx5.6cm(unfolded); 5.6x4.3x2.2inch(es); 14.19x 39.5x 6cm(folded)		1280x 712x215 (4Kp 4Kp@30) 2976 × 1680/30fps (Memory Card)				
Flight Speed (at sea level, no wind)		3m/s, 5m/s and 8m/s		Photo Format				
Flight Speed (at sea level, no wind)		3m/s, 5m/s and 8m/s		JPG				
				Video Format				
				MP4				
Flight Speed (at sea level, no wind)		3m/s, 5m/s and 8m/s		Memory Card Type				
				32x to 128G SD Card(Class 10/U1 and above) FAT 32 format Supported				
27		support@prophet.com			support@prophet.com	28		
EN								
EN-5 QAAQ007SR								
The drone is registered with the CE registered agencies, users can obtain CE-label information or CE registered label information. The CE registered label must be kept from the start to the end.								
Operation of this device is not allowed in the following areas:								
1. Restricted or prohibited areas								
2. Restricted or prohibited areas								
3. Restricted or prohibited areas								
4. Restricted or prohibited areas								
5. Restricted or prohibited areas								
6. Restricted or prohibited areas								
7. Restricted or prohibited areas								
8. Restricted or prohibited areas								
9. Restricted or prohibited areas								
10. Restricted or prohibited areas								
11. Restricted or prohibited areas								
12. Restricted or prohibited areas								
13. Restricted or prohibited areas								
14. Restricted or prohibited areas								
15. Restricted or prohibited areas								
16. Restricted or prohibited areas								

Launch the SHAPIT API app, then tap FUNCTION DISPLAY to enter the main page to view the live video.	Command executed successfully 1Short beep																		
25 support@espressosys.com	support@espressosys.com 26																		
EN Remote <table> <tr> <td>Max. Operating Distance</td><td>4920ft(150m)</td></tr> <tr> <td>Battery Capacity</td><td>3.7V 300mAh Lithium Batteries</td></tr> <tr> <td>Charging Time</td><td>~90 minutes</td></tr> <tr> <td>Battery Life</td><td>~30 hours</td></tr> <tr> <td>Applicable Mobile Phone Size</td><td>4.6-6.3inches</td></tr> <tr> <td>Operating Temperature</td><td>32°F~154°F(0°~40°C)</td></tr> </table> USB Charging Cable <table> <tr> <td>Charging Temperature</td><td>32°F~154°F(0°~40°C)</td></tr> <tr> <td>Input Voltage</td><td>5V/2A</td></tr> <tr> <td>Rated Power</td><td>≤10W</td></tr> </table>	Max. Operating Distance	4920ft(150m)	Battery Capacity	3.7V 300mAh Lithium Batteries	Charging Time	~90 minutes	Battery Life	~30 hours	Applicable Mobile Phone Size	4.6-6.3inches	Operating Temperature	32°F~154°F(0°~40°C)	Charging Temperature	32°F~154°F(0°~40°C)	Input Voltage	5V/2A	Rated Power	≤10W	CCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's warranty and void the equipment. The device complies with part 2 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class C digital device, pursuant to part 15 of the FCC Rules. There are no known or predicted methods to provide reasonable assurance that this equipment will not cause harmful interference in a real-world deployment. Users of this equipment should be advised that the equipment may cause interference to radio communications, including radio reception and transmission, and that the equipment may be subject to interference from radio communications. However, there is no guarantee that interference will not occur in a particular installation. The equipment should be installed and operated in accordance with the instructions contained within the documentation for the equipment and/or the user is encouraged to try to correct the interference by one or more of the following measures: —Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the device to a power outlet that is on a circuit different than that to which the receiver is connected. —Consult the dealer or an experienced radio/television technician for help. The user may request a copy of the FCC's guidelines for use of a radio-controlled environment, the FCC's OET-68. The equipment complies with FCC RF Emission limits for use as a radio-controlled environment, but the equipment may not be used in a radio-controlled environment without the user's knowledge and consent. The user is responsible for obtaining the user's knowledge and consent. The transmitter must not be connected or operating in conjunction with any other device that is not specifically designed for this purpose.
Max. Operating Distance	4920ft(150m)																		
Battery Capacity	3.7V 300mAh Lithium Batteries																		
Charging Time	~90 minutes																		
Battery Life	~30 hours																		
Applicable Mobile Phone Size	4.6-6.3inches																		
Operating Temperature	32°F~154°F(0°~40°C)																		
Charging Temperature	32°F~154°F(0°~40°C)																		
Input Voltage	5V/2A																		
Rated Power	≤10W																		
17 support@espressosys.com	ISEC Warning The device complies with Industry Canada's (Interference) (ICES) declaration. Operation is subject to the following two conditions: (1) The device must not cause interference, and (2) The device must accept any interference that may cause undesired operation of the device. The product complies with the Canadian EMC/EMI standards, including compliance with any special additional equipment requirements. The equipment complies with the Canadian EMC/EMI standards, including compliance with any special additional equipment requirements. (1) Equipment is not permitted to be installed in: • Locations where the equipment is subject to excessive electromagnetic interference, including in the vicinity of: • Locations where the equipment is subject to excessive electromagnetic interference, including in the vicinity of:																		
support@espressosys.com	support@espressosys.com 28																		