

# TPCAM H20

## LASER SPEED CAMERA



DT:2018/09/11 12:39:56

DID:00113

UN:Galzagd

SL:68km/h

Loc:GOVISUMBER (46.356972, 108.380516)

CD: 219m

70km/h



- *Highly Accurate and Fast Speed measurement*
- *High-quality Photo Evidence*
- *User-friendly operation*
- *Enhanced security with encrypted photos*
- *Long range night operation with IR Strobe*
- *Wi-Fi Field Printing Function*
- *Back office PC Software Program*

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## LASER SPEED CAMERA

TPCAM H20 detects over-speeding vehicles quickly and accurately based on superior laser measurement technology, and the 30x optical zoom lens enables you to take clear evidence photos in long distance measurements with superior image quality than any other product. In addition, the video shooting function allows you to control illegal acts immediately on the road, such as signal violations and interruptions.



### High-quality Photo Evidence

- 30x Optical Zoom Lens (Clear image up to 250m)
- High-Resolution photo & Video
- Smart Zoom control with LASER (Automatic Zoom/Focus)
- Auto brightness control (day time)



### User-friendly Operation

- Large 3.5" color LCD monitor (800x480)
- Sunlight Readable High Brightness LCD
- LCD Touch Menu and 7 shortcut buttons
- Auto brightness control (day time)
- Easy Graphic User Interface
- Recognize operation mode by sound

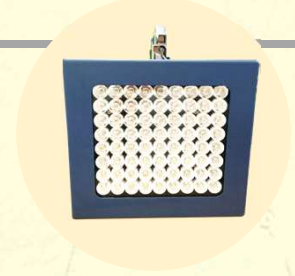


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## LASER SPEED CAMERA

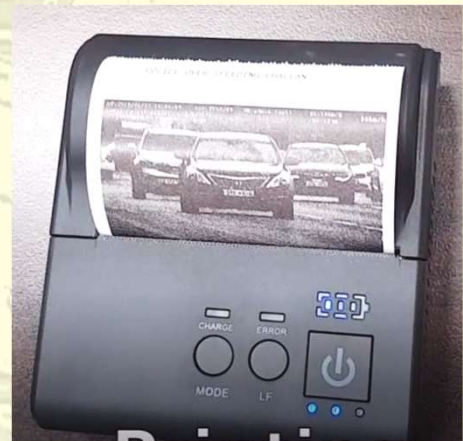
### *Nighttime Enforcement (optional)*

- Long Range clear & sharp image capture
  - Up to 70m (non-reflective Number plate)
  - Up to 150m (reflective Number plate)
- Compact IR LED Strobe



### *External Interface ( I/O )*

- USB 2 Wi-Fi Field Printing Function
- Wi-Fi <-> Smartphone Connection
- IR Strobe Triggering
- External SD Memory Card
- USB Memory Copy Function



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**ComLASER BackOffice**

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version 0.0.0.10 (Jan 21 2019)

No.	Date	Time	Speed	Print	Transmit
1	2017-04-19	12:17:55	63	No	No
2	2017-04-19	12:18:00	72	No	No
3	2017-04-19	12:18:16	69	No	No
4	2017-04-19	12:18:22	60	No	No
5	2017-04-19	12:18:25	68	No	No
6	2017-04-19	12:18:31	74	Yes	No
7	2017-04-19	12:18:32	70	Yes	No
8	2017-04-19	12:18:36	63	Yes	No
9	2017-04-19	12:18:45	53	Yes	No
10	2017-04-19	12:18:48	68	Yes	No
11	2017-04-19	12:18:49	65	Yes	No
12	2017-04-19	12:18:09	64	Yes	No
13	2017-04-19	12:19:14	65	No	No
14	2017-04-19	12:19:18	72	No	No
15	2017-04-19	12:19:26	73	Yes	No
16	2017-04-19	12:19:33	65	No	No
17	2017-04-19	12:19:52	73	No	No
18	2017-04-19	12:20:08	78	No	No
19	2017-04-19	12:20:09	86	No	No
20	2017-04-19	12:20:12	77	No	No
21	2017-04-19	12:20:21	70	No	No
22	2017-04-19	12:20:23	65	No	No
23	2017-04-19	12:20:24	67	No	No
24	2017-04-19	12:20:43	67	No	No
25	2017-04-19	12:20:56	70	No	No
26	2017-04-19	12:20:53	55	No	No
27	2017-04-19	12:21:00	50	No	No
28	2017-04-19	12:21:07	50	No	No
29	2017-04-19	12:21:13	55	No	No

Selected model: [ ] Loaded count: 437

Buttons: Load, Transfer FTP, Option

Video playback controls: Prev., Slow, PLAY, Fast, Next

Play speed: x1.00

Speed graph: 320.0, 240.0, 160.0, 80.0, 0.0 km/h

Enforcement details (2017-04-19 12:18:25):

- 장비번호: TP10001
- 위치: KOREA
- 일시: 2017-04-19 12:18:25
- 거리: 50m
- 제한속도: 10km/h
- Speed: 68 km/h
- License plate: 32ㄴ 2515

Buttons: Print, Image process menu

### Enforcement Data Analysis

- Retrieval and check-up on the enforcement images and video data.
- Check-up on equipment ID, enforcement position, speed limit and violation speed.
- Magnified license number plate can be displayed.
- Secured files transfer with AES-256 encryption.
- Brightness and zoom in and out of enforcement photos for easy viewing.
- FTP file transfer via TCP / IP.

**Enforcement Evidence**

**Information Log**

Date: 2017-04-19  
Time: 12:18:25  
Device ID: TP10001  
Operator: admin\_exl  
Mode: Auto  
GPS: none  
Location: KOREA

Captured Distance: 50 m  
Captured Speed: 68 km/h  
Speed Limit: 10 km/h

Plate Number: 32ㄴ 2515

Speed graph: 320.0, 240.0, 160.0, 80.0, 0.0 km/h

Publisher: [ ]  
Driver: [ ]

January 01, 2019 15:48:23

**Image process**

Brightness: [ ] Contrast: [ ]  
Overwrite Image: [ ]  
Select custom license plate area: [ ]

Enforcement details (2017-04-19 12:45:52):

- Location: KOREA
- Speed limit: 10
- Mode: Auto
- Operator: admin\_exl
- Device ID: TP10001
- Transmit: No
- Print: No

License plate: 35바 4360

Buttons: Print, Image process menu

**File Management**

15 May (101)

00005	120km/h, 08:14:47
00006	130km/h, 08:14:51
00007	125km/h, 08:14:54
00008	126km/h, 08:14:59

SD Card: 30%

Buttons: MENU, SEARCH, PLAY, DELETE ALL



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## LASER SPEED CAMERA



### SPECIFICATIONS

Maximum Range	1,200meter ( Reflective targets )
Minimum Range	5m
Range accuracy	±15cm
Speed Range	±320km/h
Speed Accuracy	±1km/h
Measurement Time	0.3 sec
Capture Data Storage	64GB SD Card
Display	3.5", 800x480 pixel, Touch-panel LCD
Camera Lens	30x optical zoom lens
GPS Receiver	20 channel
Anti-Jam	Automatic Jammer detection
Captured Image Size	1712x888
Video Size	1712x888, 30fps
Eye Safety	Class 1(IEC-60825-1)
Laser Wavelength	905nm
Beam Divergence	3mRad
Weight	1.6kg
Temperature Range	-10~+60°C