

# RECOMMENDED PRODUCTS 2020 Q2-Q3

[www.2MTechnology.net](http://www.2MTechnology.net)

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## About 2M Technology

2M Technology Inc. is a leading provider of complete end-to-end low voltage Audio Video solutions to homeland security, institutional and commercial market segments. The company offers a full suite of integrated intrusion, video and audio security solutions.

### Who We Are

2M Technology was founded in 2004 to fill a need for quality low voltage security products available locally for our vendors at a competitive price. At 2M our ability to rapidly and effectively meet the needs of customers and deploy through partners any size project is the key to our growth. 2M Technology has a team of low voltage professionals who are specialized in supporting security, network and audio integrators in their design and decision of products. From small a small business needing a simple camera, to major corporations requiring a complete video security solution, consisting of unlimited number of cameras and a full range of industry leading security products. All 2M Technology product designs are based on years of research and advanced engineering technology. We provide technical support during normal business hours and a comprehensive **3 year product warranty on Cameras and Recorders**. We hope to go beyond your expectations.

We are based in Grand Prairie, Texas just minutes from the Dallas Cowboys Stadium.



### Long Distance POE

Even though the camera's location is a hundred meters away from an NVR, users can still easily connect the camera directly to the NVR for both power supply and video streaming. The Essential Series NVRs support up to 250m for PoE.

### Easy to use and Maintain

Essential series IP cameras support one-click firmware upgraded via cloud, and plug & play for installers as well as end users for easy use. While troubleshooting, it is also easy to output diagnosis in one-click. Essential series IP cameras can also detect the network connection regularly. Once the network detects a network loss, the IP camera will reset the network module inside of the IP camera or reset the camera to recover.

### UBS Storage System

UBS is technology for storage. Traditional NVR manufacturers use a general file system which is not optimized for video storage application. By operating directly on HDD to improve I/O efficiency and using a small block as the minimum unit, UBS technology can reduce the risk of data loss in case of a system malfunction. The UBS storage system also supports disk roaming and precise playback which makes surveillance business much easier.

### Updated U-code Technology

U-code is a deep video compression technology which can reduce up to 90% bitrate in order to save bandwidth and storage space. U-code technology separates moving targets and static backgrounds with different codec and adjusts the GOP dynamically, as well as keeping excellent image quality. U-code supports all triple streams of IP camera, and change frame rate dynamically by video content to reduce more bitrate.

### Reliability at Design and Tests

Our products are manufactured with quality parts and reliability in mind. During the research and development phase to production, 2M Technology is dedicated to the pursuit of the highest standards in the CCTV industry. All sensor boards in our cameras are 2mm thick to avoid defocus by deformation when in extreme harsh environments.



## 2MVIP-4MIR30-E

4MP Network Vandal Dome Camera  
30m IR  
2.8mm Fixed Lens



## 2MBIP-4MIR30-E

4MP Network Bullet Camera  
30m IR  
2.8mm Fixed Lens



## 2MTIP-4MIR30-E

4MP Network Turret Camera  
30m IR 2.8mm Fixed Lens



## 2MVIP-4MIR30Z-E

4MP Network Vandal Dome Camera  
30m IR  
2.8-12mm Motorized Lens



## 2MBIP-4MIR30Z-E

4MP Network Bullet Camera  
30m IR  
2.8-12mm Motorized Lens



## 2MTIP-4KIR30-E

8MP 4K Network Turret Camera  
30m IR 2.8mm Fixed Lens





### **2MN-8004-P4**

4CH NVR 4 POE  
Ultra H.265 / H.264  
1 SATA, 4K Output



### **2MN-8232-P16**

32CH NVR 16 POE  
Ultra H.265 / H.264  
4SATA, 4K Output

### **2MN-8008-P8**

8CH NVR 8 POE  
Ultra H.265 / H.264  
1 SATA, 4K Output



### **2MN-8116-P16**

16CH NVR 16 POE  
Ultra H.265 / H.264  
2 SATA, 4K Output



### **2MN-8464**

64CH NVR  
Ultra H.265 / H.264  
8 SATA, 4K Output





## PROFESSIONAL SERIES

### Smart Functions

The Professional Series features cameras which have embedded smart functions. For instance, crossing line, intrusion, face detection, audio exception, scene change, tampering, defocus, people counting, object abandon/removal and auto-tracking. Now, people-counting function is upgraded by counting people's faces in the video.

### Starview Series

StarView series can produce crystal clear video at up to 0.0005 lux low illumination, which redefined starlight. It supports 2MP and 5MP and backside illumination (BSI) sensor applies a big Iris lens at up to F1.2 to allow more light in. Meanwhile, the unique ISP technology can help to produce no smearing images at Low-Blur mode.

### Deep Learning Intelligence

The NVRs in Professional series can provide accurate and real-time face comparison when used with Smart Bar which is powered by deep learning neural network algorithm. It is suitable for personnel identification application in different scenarios like buildings, communities, parks, chain stores, gas stations, supermarkets, etc.

# PROFESSIONAL SERIES

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## Environmental Adaptability

Environment adaptability includes network adaptability for packet loss, image adaptability for different surveillance scenes (Starlight mode for low light, auto WDR/HLC/Defog, and Smart IR) and environment adaptability (auto heating at low temperature and snow removal).

## More Efficient More Reliable

Professional series IP cameras support wide working temperature range and input voltage. In the IK10 dome cameras, the professional FFC cable can deliver a better EMC test result. Image distortion rectifying algorithm is used for all wide angle lens at wide side. Professional series NVRs are perfect for supermarkets and shopping malls, for example, POS, Heat Map, Fisheyes to facilitate different businesses. N+1 architecture was introduced to guarantee the stability of storage service in case of system failure.

◇ All Professional Series Cameras have Ultra WDR 120db and Video Analytics



### 2MBIP-4MIR30Z-P

4MP Network Bullet Camera  
30m IR, Smart Functions  
2.8-12mm Motorized Lens



### 2MVIP-2MIR15A-P

2MP Network Vandal Dome Camera  
15m IR, built-in microphone  
2.8mm Fixed Lens





## 2MBIP-4MIR30-P

4MP Network Bullet Camera  
30m IR, Smart Functions  
2.8mm Fixed Lens



## 2MVIP-4MIR30Z-P

4MP Network Vandal Dome Camera  
30m IR, Smart Functions  
2.8-12mm Motorized Lens



## 2MTIP-5MIR30UASL-P

5MP Network Turret Camera  
30m IR, Smart Functions, Starlight,  
Ultra WDR, 2.8mm Fixed Lens



## 2MPIP-2MIR15030X

2MP Network PTZ Camera  
150m LED IR, Rated for IP66.  
4.5 ~ 135mm 30X Optical Zoom



## 2MVIP-5MIR30ZUAST-P

5MP Network Vandal Dome Camera  
30m IR, Smart Functions, Starlight, Ultra  
WDR, 2.8-12mm Motorized Lens



## 2MFIP-12MIR20-P

12MP Network Fisheye Camera  
20m IR, Smart Functions, Ultra WDR



## 2MVT-2MIR40ZSL

2MP 4-in-1 Turret Camera  
30m IR, Starlight, WDR  
2.8-12mm Motorized Lens

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## 2MVT-2MIR35ZSL

2MP 4-in-1 Vandal Dome Camera  
30m IR, Starlight, WDR  
2.8-12mm Motorized Lens

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## 2MBT-2MIR40ZSL

2MP 4-in-1 Bullet Camera  
40m IR, Starlight, WDR  
2.8-12mm Motorized Lens

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## 2MVT-5MIR40ZSL

5MP 4-in-1 Turret Camera  
30m IR, Starlight, WDR  
2.8-12mm Motorized Lens

## 2MVT-5MIR35ZSL

5MP 4-in-1 Vandal Dome Camera  
30m IR, Starlight, WDR  
2.8-12mm Motorized Lens

## 2MBT-5MIR40Z

5MP 4-in-1 Bullet Camera  
40m IR, WDR  
2.8-12mm Motorized Lens



### 2MTT-2MIR20

2MP 4-in-1 Turret Camera  
20m IR, Starlight,  
2.8mm Fixed Lens



### 2MVT-2MIR20SL

2MP 4-in-1 Eyeball Camera  
20m IR, Starlight,  
2.8mm Fixed Lens



### 2MBT-2MIR20SL

2MP 4-in-1 Bullet Camera  
20m IR, Starlight,  
2.8mm Fixed Lens



### 2MVT-2MIR25SL

2MP 4-in-1 Vandal Dome  
Camera, 20m IR, Starlight,  
2.8mm Fixed Lens

### 2MTT-5MIR20

5MP 4-in-1 Turret Camera  
20m IR, Starlight,  
2.8mm Fixed Lens

### 2MVT-5MIR20

5MP 4-in-1 Eyeball Camera  
20m IR, WDR  
2.8mm Fixed Lens

### 2MBT-5MIR20

5MP 4-in-1 Bullet Camera  
20m IR, WDR  
2.8mm Fixed Lens

### 2MVT-5MIR25

5MP 4-in-1 Vandal Dome  
Camera 20m IR, WDR  
2.8mm Fixed Lens



### 2MTT-4KIR20

8MP 4-in-1 Turret Camera  
20m IR,  
2.8mm Fixed Lens



### 2MVT-4KIR20

8MP 4-in-1 Eyeball Camera  
20m IR,  
2.8mm Fixed Lens



### 2MBT-4KIR20

8MP 4-in-1 Bullet Camera  
20m IR,  
2.8mm Fixed Lens



### 2MPT-2MIR15030X

2MP 7 inch 4-in-1 PTZ Camera  
150m LED IR,  
4.7mm-141mm, 30X optical zoom

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### 2MPT-2MIR8020X

2MP 4.5 inch 4-in-1 PTZ Camera  
80m LED IR,  
4.7mm-94mm, 20X optical zoom

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### 2MPT-2MIR8010X

2MP 4-in-1 PTZ Bullet Camera  
80m LED IR,  
5.1-51mm, 10X optical zoom

### 2MPT-5MIR15030X

5MP 7 inch 4-in-1 PTZ Camera  
150m LED IR,  
4.7mm-141mm, 30X optical zoom

### 2MPT-5MIR8020X

5MP 4.5 inch 4-in-1 PTZ Camera  
80m LED IR,  
4.7mm-94mm, 20X optical zoom



### 5MP All-in-One (TVI, CVI, AHD, IP, CVBS) DVRs

#### 2MT-5004

4 Channel 5-in-1 (TVI-AHD-CVI-CVBS-IP)  
Digital Video Recorder. 1 SATA capacity.

#### 2MT-5008

8 Channel 5-in-1 (TVI-AHD-CVI-CVBS-IP)  
Digital Video Recorder. 1 SATA capacity.

#### 2MT-5116

16 Channel 5-in-1 (TVI-AHD-CVI-CVBS-IP)  
Digital Video Recorder. 2 SATA capacity.

### 4K All-in-One (TVI, CVI, AHD, IP, CVBS) DVRs

#### 2MT-4004

4 CH 5-in-1 4K DVR,  
2CH IP to 8MP  
1 SATA capacity.

#### 2MT-4008

8 CH 5-in-1 4K DVR,  
4CH IP up to 8MP  
1 SATA, 4K Output

#### 2MT-4088

8 CH 5-in-1 4K DVR,  
8CH IP up to 8MP  
2 SATA, 4K Output

#### 2MT-4016

16 Channel 5-in-1 4K DVR,  
Digital Video Recorder.  
2 SATA capacity.



# IP ACCESSORIES

## Dome Camera Mount



### 2MJB-30ZP

IP Motorized Dome  
Junction Box



### 2MIC-30ZP

IP Motorized Dome  
In-ceiling mount



### 2MJB-30P

IP Fixed Lens Dome  
Junction Box



### 2MWMB-30P

IP Fixed Lens  
Dome Wall Mount



### 2MWMBJ-30P

IP Fixed Lens Dome Wall  
Mount with Junction Box



### 2MWMBJ-30ZP

IP Motorized Dome Wall Mount  
with Junction Box

## PTZ Camera Mounts



### 2MPIP-PTZ-Pendent-Mount-Adapter

IP PTZ Pendent Mount  
Adapter



### 2MPIP-PM-L

IP PTZ Pendant Mount,  
500mm



### 2MPIP-PM-S

IP Short PTZ Pendant Mount,  
200mm





### **2M-JB12**

IP PTZ Wall Mount  
Junction box



### **2MPM-VBIP**

IP Vandal Dome / Bullet  
Pole Mount (Universal)



### **2MPIP-Wall-Mount**

IP PTZ Dome  
Wall Mount



### **2MPM-PIP**

IP PTZ Pole  
Mount



### **2MPIP-Corner-Mount**

IP PTZ Corner Mount

## **Bullet Camera Mount**



### **2MJB-FBIP**

Bullet Camera  
Junction Box (Universal)

## **Turret Camera Mount**



### **2MWMBJ-TIP**

Turret Wall  
Mount with  
Junction Box

## POE Switches



### 2M-POE-8+

8-port unmanaged  
Extended PoE Switch

### 2M-POE-16+

16-port unmanaged  
Extended PoE Switch

### 2M-POE-24+

24-port unmanaged  
Extended PoE Switch



### 2MIN-1++

PoE Injector

### 2M-SW-04TP

4-port unmanaged  
PoE Switch

### 2M-SW-08TP

8-port unmanaged  
PoE Switch

### 2M-SW-16TP

16-port unmanaged  
PoE Switch

## Network Cable



### 2M-CAT5E

Blue 500ft Cat5e Cable  
Blue 1000ft Cat5e Cable

### 2M-CAT6

Blue 500ft Cat6 Cable  
Blue 1000ft Cat6 Cable



### Siamese-1000FT

Black siamese RG59  
1000ft cable

### Siamese-500FT

Black siamese RG59  
500ft cable

# ANALOG ACCESSORIES

## Power Supplies



### 2M-12VDC-1000

12V DC 1Amp  
Power Supply



### 2M-PH5AB

12V DC 5Amp Power Supply  
4 way Male Power Lead



### 2M-12V1810

12VDC 10Amp 18-Port  
Power Distribution Box

### 2M-12V95

12VDC 5Amp 9-Port  
Power Distribution Box



### 2M-GL01

Video Ground  
Loop Isolator

## BNC Connectors



### 2M-BNC-TWIST-ON

RG59 BNC Twist-On Connector



### 2M-BNC-CRIMP-ON

Crimp-On Connector



### 2M-BNC-BARREL

Barrel connector

## POWER LEADS



### 2M-PLC-F

Female Power Lead



### 2M-PLC-M

Male Power Lead



### 2M-DC21M

Screws Male Power Lead



### 2M-DC21F

Screws Female Power Lead



### 2M-P102

2 Way Male  
Power Lead



### 2M-P104

4 Way Male  
Power Lead



### 2M-P108

8 Way Male  
Power Lead

## HDMI CABLE



### 2M-HDMI-10FT

4K 10ft HDMI Cable



### 2M-HDMI-50FT

4K 50ft HDMI Cable

## UTP BALUNS



### 2M-202B

L TYPE Video Balun Passive



### 2M-B313C

1 Channel passive  
hybrid HD video balun  
(CVI,TVI,AHD,CVBS)

## HARD DRIVES



CAPACITY	DESCRIPTION	MODEL NUMBER
1TB	Western Digital Purple Surveillance Hard Drive	WD10PURZ
2TB	Western Digital Purple Surveillance Hard Drive	WD20PURZ
4TB	Western Digital Purple Surveillance Hard Drive	WD40PURZ
6TB	Western Digital Purple Surveillance Hard Drive	WD60PURZ
8TB	Western Digital Purple Surveillance Hard Drive	WD82PURZ



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\*Product specifications and availability are subject to change without notice.

