

RECOMMENDED PRODUCTS 2021 Q2-Q3

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

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, Fisheye 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



2MVT-2MIR35ZSL

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



2MBT-2MIR40ZSL

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

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

2MPT-5MIR15030X

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



2MPT-2MIR8020X

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

2MPT-5MIR8020X

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



2MPT-2MIR8010X

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