

Dedicated Micros 2060

Quick Reference Guide



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1. Introduction

This guide provided by Maxey Moverley Limited contains programming instructions to aid onsite engineers in tackling common problems when installing Dedicated Micros 2060 cameras.

This information has been compiled from publicly available documentation in conjunction with the observations of Maxey Moverley Limited.

1.1. Description

The Dedicated Micros 2060 camera is a precision unit, offering a wide variable speed range, together with a large pre-set memory for positions, tours and alarm responses.

The Dedicated Micros 2060 Camera has a number of features which can be selected by the System Supervisor when the dome is installed. Any of these can be altered subsequently, or cancelled altogether, to give the best operational responses for any particular application. They are invoked or cancelled through on-screen menu structures and the settings are then retained in non-volatile memory so that they are not affected by a loss of power.

2. Connections

The type 2060 external connections are via an IP66 Amphenol connector with 3 metre composite cable flying lead comprising co-ax, power pair & RS485 pair. This lead should be connected to the boxed P.S.U. supplied with the dome (can be extended to 30 metres max. in length) The connections are as follows:

Red Wire	24 V AC live
Blue Wire	24 V AC neutral
Yellow Wire	R.S. 485 'A'
Green Wire	R.S. 485 'B'
Coax Screen	BNC screen
Coax Signal	BNC centre pin

The co-ax and power wires are always connected, the RS 485 wires are only connected when an external protocol converter is fitted or an RS485 controller is being used.

3. Address Switches

3.1 Address Chart

Yellow Rotary Address Switch

Blue Rotary Address Switch

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
3	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
4	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
5	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
6	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
7	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
8	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
9	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
A	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
B	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
C	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
D	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
E	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
F	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

The type 2060 can be controlled via RS 485 commands or 'up the co-ax'.

With RS 485 control each dome has to individually addressed using the Blue and Yellow rotary address switches following the address chart on the previous page. For 'up the co-ax' control, using the built in protocol converter, the same address switches are used to select the protocol format for the controller being used e.g.

BAX AC PANEL Blue. F Yellow. C = 252

For: Baxall a.c. controllers

DEN PANEL Blue.F Yellow. D = 253

For: Dedicated Micros, BBV & DM Sprite controllers

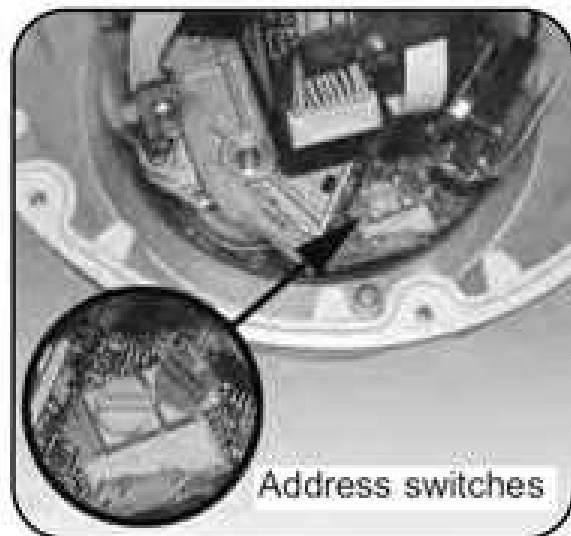
BAX DC PANEL Blue.F Yellow. D = 254

For: Baxall d.c. controllers



For 'up the co-ax' control using external protocol converters like the drx 100 or DAX-DEN the address switches should be set to Blue.0 Yellow.1 = 1.

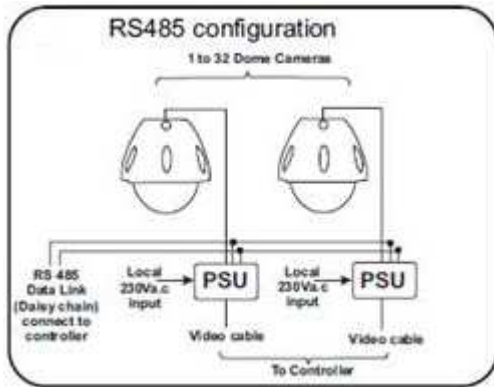
To access the address switches remove the outer hemisphere and inner shroud as shown in A & B. Picture C shows the location. This operation should be carried out in an office type environment to avoid ingress of moist air.



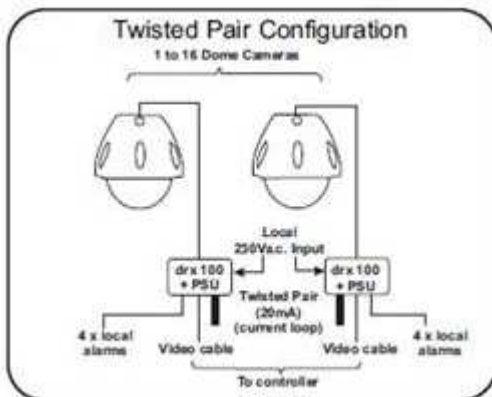
4. Controls

The Dedicated Micros 2060 dome can be controlled by one of three methods.

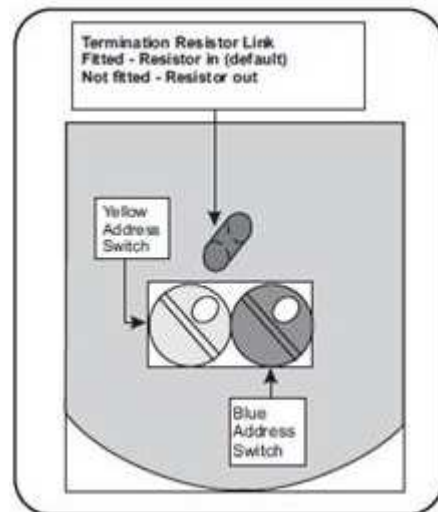
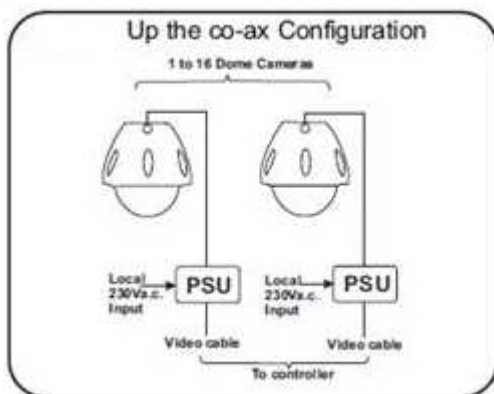
4.1 RS485 Configuration



4.2 Twisted Pair Configuration



4.3 Up the Co-ax Configuration



5. Technical Support Helpline

For help and guidance with installation issues, that are not covered within this guide please contact our dedicated customer technical helpline on **01527 522299** and speak to one of our specially trained technicians who will be happy to assist you.

6. Revision History

Revision	Date	Author	Amendments	Comments
1	24/04/2013	DS	First Draft	Issued for internal review
1.1	14/05/2013	DS	Agreed format/content	Issued for distribution